

Appendix M. Results of Using a Physical Location Definition for Schools in the 2007–08 SASS

In order to reflect the physical reality of schools, CCD records were collapsed according to a replicable standard. This collapsing process relied on software currently used for updating the Private School Survey (PSS) list frame, modified to adhere to the standards described below. In general, this software matched records on certain criteria, including address, and output a list of records matching on the defined criteria. This list of matches was reviewed clerically to verify that the records were indeed matches.

The Rules

Restricted rules: Potential candidates for collapsing had to match on ZIP code, school type, charter flag, location address, and phone number. Candidates had contiguous nonoverlapping grade ranges (with no more than one grade overlapping or missing from the resulting grade range).

Relaxed rules: Potential candidates for collapsing had to match on ZIP code, school type, charter flag, and two of the following three: phone number, location address, and name. Candidates had contiguous nonoverlapping grade ranges (with no more than one grade overlapping or missing from the resulting grade range).

Address Matching

The software standardized addresses, parsing address fields into component parts such as street number, street name, directional suffix, street type, and ZIP code. Abbreviations were standardized and spacing was set consistently. The components were subsequently matched one-by-one. If all of the address components were the same, the address was considered a match.

In collapsing CCD records, Census staff matched on standardized location address if the location address was available. In a few schools, it was observed that the physical address was not provided on CCD records, so matching on a standardized mailing address was used as an alternative.

Criteria Applied to CCD Collapsing

The matching program used by Census staff was designed to identify collapsing records on standardized address, telephone number, school type, and charter status. Records matching on all of these criteria were clerically reviewed to verify that grade ranges were nonoverlapping or overlapping by at most one grade and were consecutive. For example, K–6 could collapse with 6–8, however K–6 could not collapse with 9–12, and K–6 could not collapse with 4–8. Matching schools that passed this grade range verification were collapsed.

In certain states (e.g., Montana, Nebraska, Oklahoma), it was known from past experience that these criteria failed to identify all schools that viewed themselves as one physical entity. This was due to variations in address and telephone number reporting. In these states, a relaxed standard was applied, whereby schools had to match on at least two of the following three: standardized address, telephone number, or keyword in the school's name. The keyword was defined as whatever remains after stripping off the word "school," "academy," etc. and any school grade level descriptors (e.g., elementary, high, senior, junior, middle, primary, upper, lower, intermediate). The school type, charter, and grade range criteria also applied to the schools collapsed via the relaxed standard.

Collapsing the Records

Once it was determined which records to collapse, the SASS sampling frame had one record per collapsed set of CCD records. Teacher counts, enrollment, and grade range were summed from the collapsed set of CCD records. The address and phone number of the first record in the set was arbitrarily chosen. Names were generalized to avoid grade range descriptors. For example, “Spring Valley Elementary” and “Spring Valley Jr/Sr High” were collapsed to “Spring Valley School.” As a first step after sampling, telephone centers contacted sampled schools that were collapsed to verify their name and address. This was done so that schools that were incorrectly collapsed could be identified during the first step of data collection.

Application of Rules to States

Five states were excluded from the collapsing process:

- New York;
- Pennsylvania;
- New Jersey;
- Texas; and
- Arizona.

Census Bureau staff made the determination that the collapsing rules did not work well in these five states. Schools in these states did not need to be collapsed since applying the collapsing rules appeared to cause the sampling frame to deviate more from the schools’ perceived reality than not applying the collapsing procedure would have.

The relaxed collapsing rules were applied in eight states:

- Nebraska;
- Montana;
- Oklahoma;
- North Dakota;
- South Dakota;
- Arkansas;
- Iowa; and
- Missouri.

The restricted rules were applied in the remaining 37 states and the District of Columbia.

Collapsing Results

The table below presents the results of the school collapsing for the 2007–08 SASS in contrast to the 2003–04 SASS. The collapsing rules are described in chapter 4 and appendix K of the *Documentation for the 2003–04 Schools and Staffing Survey* (NCES 2007-337). Overall, differences between these two survey administrations are small, permitting them to be compared and contrasted. Generally the perception is that the 2007–08 SASS collapsing results were of higher quality than the 2003–04 SASS results. This is because the grade range screening was closely monitored in a centralized environment in 2007–08, whereas it had been conducted in a decentralized environment in 2003–04 SASS. This decentralized collection did not allow the U.S. Census Bureau staff to become familiar with the screener.

Table M-1. Results of collapsing public schools on the SASS frame and comparison of results from the 2007–08 SASS to the 2003–04 SASS, by state: 2003–04 and 2007–08

State	2003–04 SASS				2007–08 SASS			
	Total number of records collapsed	Number of records incorrectly collapsed	Number of missed collapses	Gross error rate (in percent) ¹	Total number of records collapsed	Number of records incorrectly collapsed	Number of missed collapses	Gross error rate (in percent) ¹
Total	576	116	28	23.8	587	118	27	23.6
Alabama	1	1	1	100.0	0	0	1	100.0
Alaska	3	0	0	0.0	0	0	0	†
Arizona	7	5	2	77.8	0	0	1	100.0
Arkansas	36	21	0	58.3	27	13	1	50.0
California	5	1	0	20.0	7	0	1	12.5
Colorado	10	2	2	33.3	15	4	2	35.3
Connecticut	3	0	0	0.0	2	0	0	0.0
Delaware	1	0	0	0.0	1	1	0	100.0
District of Columbia	0	0	0	†	0	0	0	†
Florida	1	0	0	0.0	3	0	2	40.0
Georgia	3	1	0	33.3	2	2	0	100.0
Hawaii	0	0	0	†	1	1	0	100.0
Idaho	6	0	1	14.3	6	3	2	62.5
Illinois	12	2	1	23.1	11	1	0	9.1
Indiana	2	1	0	50.0	6	4	0	66.7
Iowa	26	4	0	15.4	17	3	0	17.6
Kansas	17	1	1	11.1	15	1	0	6.7
Kentucky	8	0	0	0.0	7	4	1	62.5
Louisiana	0	0	0	†	0	0	0	†
Maine	2	0	0	0.0	4	2	0	50.0
Maryland	0	0	0	†	0	0	0	†
Massachusetts	0	0	0	†	3	3	0	100.0
Michigan	2	0	1	33.3	6	2	1	42.9
Minnesota	34	12	2	38.9	36	4	1	13.5
Mississippi	0	0	0	†	0	0	0	†
Missouri	29	12	0	41.4	43	14	0	32.6
Montana	57	5	1	10.3	68	13	2	21.4
Nebraska	35	5	3	21.1	34	2	3	13.5
Nevada	2	0	0	0.0	2	0	0	0.0
New Hampshire	13	2	0	15.4	12	2	0	16.7
New Jersey	0	0	0	†	0	0	0	†
New Mexico	22	3	2	20.8	19	1	0	5.3
New York	0	0	1	100.0	0	0	0	†
North Carolina	1	0	0	0.0	0	0	0	†
North Dakota	39	0	0	0.0	55	6	2	14.0

See notes at end of table.

Table M-1. Results of collapsing public schools on the SASS frame and comparison of results from the 2007–08 SASS to the 2003–04 SASS, by state: 2003–04 and 2007–08—Continued

State	2003–04 SASS				2007–08 SASS			
	Total number of records collapsed	Number of records incorrectly collapsed	Number of missed collapses	Gross error rate (in percent) ¹	Total number of records collapsed	Number of records incorrectly collapsed	Number of missed collapses	Gross error rate (in percent) ¹
Ohio	4	2	1	60.0	8	1	0	12.5
Oklahoma	79	19	0	24.1	67	12	1	19.1
Oregon	2	0	0	0.0	5	2	1	50.0
Pennsylvania	0	0	3	100.0	0	0	0	†
Rhode Island	0	0	0	†	2	0	0	0.0
South Carolina	1	0	0	0.0	1	0	1	50.0
South Dakota	61	4	2	9.5	51	4	0	7.8
Tennessee	0	0	0	†	1	1	0	100.0
Texas	12	7	1	61.5	0	0	3	100.0
Utah	1	0	1	0.0	5	5	0	0.0
Vermont	1	0	0	0.0	5	5	0	100.0
Virginia	0	0	0	†	1	1	0	100.0
Washington	4	1	1	40.0	4	0	0	0.0
West Virginia	0	0	0	†	4	2	0	50.0
Wisconsin	18	3	2	25.0	17	4	0	23.5
Wyoming	15	2	0	13.3	14	0	1	6.7

† Not applicable.

¹ Gross error rate was calculated as follows: (incorrect collapses + missed collapses)/(total collapsed + missed collapsed)*100.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Public School Sample Data File,” 2003–04 and “Public School Sample Data File,” 2007–08.

Note that in the 2003–04 SASS, New Jersey, New York, and Pennsylvania were excluded from the collapsing procedure as described in the *Documentation for the 2003–04 Schools and Staffing Survey* (NCES 2007-337). This was because the application of the collapsing rules resulted in collapsing that, according to strong anecdotal evidence,¹ was incorrect. Based on results from the 2003–04 SASS, Texas and Arizona were excluded from the 2007–08 SASS collapsing procedure because the evidence, as presented in the table above, indicated that the collapsing procedure caused more error than it resolved.

One further change was made to the rules between the 2003–04 and the 2007–08 rounds. The collapsing rules were revised for Minnesota to require matching on all three of name, address, and phone number instead of the previous requirement that schools match on only two out of three. This change resulted in a substantial reduction in the error rate—from 39 percent to 14 percent.

Based on these results, we recommend for future rounds of SASS that the following states be excluded from the collapsing procedure because the collapsing causes more error than it resolves: Alabama, Delaware, Georgia, Hawaii, Indiana, Kentucky, Massachusetts, Tennessee, Vermont, and Virginia.

In addition, in a few states the amount of collapsing is minimal (generally less than 2 percent of the schools in the state are collapsed), so although the collapsing appears to have successfully improved the

¹ Prior to the 2003–04 SASS, a sample of schools from New York, New Jersey, and Pennsylvania that appeared to collapse according to the rules were called. Most of these schools reported they were multiple schools and had separate administrators.

sampling frame, the resources needed to perform the collapsing do not appear to justify the slight improvement in the quality of the sampling frame. These states include Alaska, California, Connecticut, Florida, Louisiana, Maryland, Mississippi, Nevada, North Carolina, Rhode Island, and South Carolina, as well as the District of Columbia.

In some states, the error rate in the collapsing appeared to be a bit high even though the collapsing generally did appear to be successful. If the gross error rate was between 20 and 50 percent, the rules for collapsing were analyzed to determine if they could be modified so as to improve the results. States that were analyzed further include: Arkansas, Colorado, Idaho, Maine, Michigan, Missouri, Montana, Oregon, West Virginia, and Wisconsin.

As a practical matter, the collapsing rules were applied somewhat loosely for address and phone number. For example, if the two phone numbers being compared agreed in all but the last digit, the phone number was considered a match. If the two addresses appeared to be in the same block, for example 110 Main St. and 120 Main St., then the addresses were considered a match. In Idaho, Maine, and Oregon, this appeared not to have worked, as collapsing would have been more successful if the rules were applied exactly.

In larger schools, collapsing was generally less successful. This was particularly true in Arkansas, where 11 of 14 sampled schools with less than 600 students appear to have been collapsed successfully, whereas only 3 of 13 schools with 600 or more students appear to have been collapsed successfully. Arkansas could be improved considerably by restricting the collapsing to schools with less than 600 students. A similar pattern emerged in West Virginia, where two of two schools with less than 600 students were successfully collapsed, whereas zero of two schools with 600 or more students were successfully collapsed.

In the other states that were analyzed—Colorado, Michigan, Missouri, Montana, and Wisconsin—no clear pattern emerged, so the recommendation is to continue applying the rules as outlined in the *Documentation for the 2003–04 Schools and Staffing Survey* (NCES 2007-337).

This page intentionally left blank.

Appendix N. 2007–08 SASS School Sample Allocation Procedure

This appendix discusses how the school sample was allocated to public and private school strata in the 2007–08 Schools and Staffing Survey (SASS). Generally, the allocation was done in a way that provides reasonable precision for all components of SASS while meeting a variety of estimation goals for each component. The estimation goals are described in chapter 1.

Public Schools

The public school allocation was done according to the following priority:

1. Use a total public school sample size in the 2007–08 SASS of 8,969 regular schools, 178 Bureau of Indian Education (BIE)-funded schools, 20 Career Technical Centers (CTC) schools, 453 high American Indian or Alaska Native enrollment schools, and 370 public charter schools.
2. Allocate 453 sampled schools to the high American Indian or Alaska Native enrollment schools, 20 CTC schools, and 370 charter schools to the sample proportional to the sum of the square root of the number of full-time-equivalent (FTE) teachers per strata. Additional requirements of 150 elementary and secondary schools with high American Indian or Alaska Native enrollment and at least 80 public charter schools per elementary and secondary schools were imposed.
3. Allocate the remaining 8,969 schools to the other traditional public schools in two different ways. The collapsing described in appendix M had the effect of increasing the number of combined schools on the sampling frame. This increase created the need to analyze the sample allocation using each of these two methods:
 - proportional to the 2003–04 SASS unit standard error (i.e., the standard error divided by the number of sampled units contributing to the estimate) for the number of schools in each stratum by state—an allocation method that will achieve optimum results for national estimates; and
 - proportional to the sum of the square root of the number of teachers per strata—an allocation method that allows for an increase in the number of sampled combined schools to match the increase in the number of combined schools in the frame.
4. The following adjustments were made to the results of both allocation methods:
 - increased the combined school sample size in Alaska to approximate the sampling rate for schools with high American Indian or Alaska Native enrollment;
 - increased the combined sample size to approximate the overall state sampling rate;
 - compared the adjusted sample sizes against the minimums of 80 sampled schools for elementary and secondary and 17 for combined, and replaced the sample size with the minimum if necessary (the minimum for elementary and secondary schools being reduced to 72 in the 13 states with the lowest unit standard errors); and
 - compared the adjusted sample sizes against the total number of schools per strata, and, if the sample was more than 60 percent of the total, then adjusted it down to 60 percent of the total.
5. Many of the original sample sizes were adjusted in the above steps; the ones that were not adjusted were reallocated according to the original allocation method.

6. The final results of the allocation methods were then compared. If there were major discrepancies between the two in a specific stratum, then the average was determined and assigned as the final sample size.

Private Schools

The private school sample size selected from the list frame was 2,760 schools. The allocation process consisted of the steps below:

1. First, allocate the sample at the affiliation level. Allocate the overall sample of 2,760 schools among the 11 private school affiliations, proportional to the measure of size equal to the square root of the total number of FTE teachers as the initial sample sizes. Note that the 2007–08 SASS included 11 groups rather than the previous 17 as described in chapter 4.
2. Next, assign a sample size of 100 to all affiliations that were assigned an initial sample size less than 100, and redistribute the remaining sample proportionally among the remaining affiliations.
3. Next, allocate the sample at the stratum level. Within affiliation, allocate the sample size at the stratum level proportional to the measure of size.
4. Finally, assign a sample size of two to all strata with initial sample sizes less than two, and redistribute the remaining sample proportionally among the remaining strata.

Appendix O. Report on Results of Special Contact Districts

Background

Public school districts have a responsibility to shield their elementary and secondary schools from an excessive amount of interference with their students in the name of “research.” Therefore, they can have a system similar to universities’ Institutional Review Boards (IRBs), which review potential research applications. The National Center for Education Statistics (NCES) does not systematically search for such school district policies. Over the years, though, various surveys as well as the National Assessment of Educational Progress (NAEP) have identified a common set of school districts with known policies for handling research requests.

These school districts can approve or reject their schools’ ability to consider participation in the Schools and Staffing Survey (SASS) on behalf of the schools that they control. Therefore, securing the approval of these districts is essential to the success of SASS. In past years, many districts indicated that formal approval from the district was required before they would allow schools to participate in SASS. Often this approval process required months to complete, making it difficult to obtain approval during the SASS data collection period. Beginning in the 2003–04 administration of SASS, the National Center for Education Statistics (NCES) and Education Statistics Services Institute (ESSI) attempted to identify and contact districts with a formal approval process well ahead of data collection in order to secure this approval. For the 2007–08 administration of SASS, NCES and ESSI identified 90 sampled districts¹ that required prior approval to conduct surveys with schools in their district based on past administrations of SASS and other NCES sponsored surveys. The districts were referred to as “special contact districts” for this administration of SASS. Fifty-four special contact districts were also deemed “critical” districts because they had a disproportionate impact on state-level estimates. Without participation from schools in these districts, state-level estimates would be in jeopardy.

These 90 districts oversaw a total of 1,273 schools that were selected for SASS. Within the 76 districts that had not refused participation prior to initial contact with the school, there were 1,148 sampled schools of which 1,105 schools were considered in-scope for SASS.

Methods

NCES and ESSI began contacting districts in February 2007. The purpose of the initial contact was to identify a contact person at the district and to determine what requirements needed to be satisfied before the district would approve administration of SASS. Generally, districts required either research applications or research proposals. Often these applications requested background on the study, information on the sampling plan, instruments to be administered, school resources required, and a plan for protecting the confidentiality of data. For districts that had research requirements, applications and proposals were prepared by NCES and ESSI staff based on information obtained during the initial contact with the district. The applications were submitted directly to the district by NCES and ESSI. NCES and ESSI staff developed a tracking sheet that listed each of the special contact districts and provided a description of their research requirements, contact names, and the initial and final outcome of contact with the district. This spreadsheet was updated and sent regularly to the U.S. Census Bureau to inform the data collection operations.

¹ Ninety-one school districts were identified as requiring prior approval to conduct surveys in their district. However, no schools were sampled from one of the districts.

Findings

By August 28, 2007, 35 districts approved their participation in SASS, 14 districts did not grant permission to conduct the survey, and the remaining 41 districts neither approved nor denied participation.² Of the 41 districts where a decision was pending, 13 districts approved the survey at a later date and 8 districts refused. School packages were mailed to the majority of schools in districts where a decision was pending. However, five pending districts had their schools' packages held and these schools were never contacted. NCES and ESSI continued to follow-up with these districts. Seventeen districts required that special procedures be followed when contacting their schools. These procedures included, but were not limited to, sending the district's letter granting permission when sending materials to the school, altering the text of the letters, sending the School Questionnaire to the district to be partially completed by district staff, and having principals formally approve survey participation in their schools. Out of the 1,273 schools in special contact districts, 814 completed the Teacher Listing Form and 742 completed the School Questionnaire.

The response rate of schools in the special contact districts was lower than the overall public school response rate for the Teacher Listing Form and School Questionnaire. This may be attributed to two factors:

- There were 153 schools in special contact districts that were never contacted.³
- Many of these districts had not approved SASS during previous data collections.

The response rate comparison is shown in table O-1. These response rates differ from the unweighted final response rates as those were determined after the data were edited and completeness checks were performed.

Table O-1. Unweighted response rates of in-scope schools in special contact districts and all in-scope public schools, by selected questionnaires: 2007–08

Questionnaire	Response rate of schools in special contact districts (percent)	Response rate of all public schools (percent) ¹
Teacher Listing Form	66.2	86.7
School Questionnaire	60.3	80.5

¹ Response rate includes schools in special contact districts.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "School Control Database," 2007–08; *Documentation for the 2007–08 Schools and Staffing Survey*, Schools and Staffing Survey (SASS), 2007–08.

Recommendations

The special contact methodology was moderately successful at gaining cooperation from districts that required formal permission to conduct surveys within their schools. Future SASS administrations should continue to contact districts that require formal permission to conduct surveys with their schools as it reduces the number of districts that need to be contacted for permission during data collection. However,

² The initial package of SASS questionnaires (including the Teacher Listing Form, Principal Questionnaire, and School Questionnaire, and School Library Media Center Questionnaire) was mailed to schools on August 28, 2007.

³ There were 125 schools in the 14 school districts that refused participation prior to the initial mailout. An additional 28 schools were in the 5 school districts that had their schools' packages held pending approval and these schools were never contacted.

the approval process should begin earlier or approval should be sought more aggressively so that the status of cases is more likely to be determined prior to the screener operation.

An earlier start to this operation, particularly if based on the amount of time that each school district took to respond to the 2007–08 operation, might help reduce the number of customized procedures that were necessary in 2007–08. However, it should be noted that when a school district does grant approval, it may come with certain requirements that NCES is required to fulfill, such as particular wording in an advance letter.

Limitations to special procedures should be considered as a disproportionate amount of resources were spent on these schools. For example, the goal should be, whenever possible, to limit the extent to which mail packages need to be modified, excluding the initial package sent to schools. Modifications to the initial package are relatively easy to accommodate because there is enough time to prepare them in advance. Modifications to subsequent school and teacher packages, while possible, are more problematic because of the decreased turn-around time and, in the case of teacher packages, the large workload that is involved.

This page intentionally left blank.

Appendix P. Changes Made to Variables During the Computer Edit, by Data File

The tables in this appendix show the number of edit changes made to responses for each of the variables within each data file during the computer edits. (See chapter 7 for more details about the computer edits.) A list of the tables is provided below.

Table	Page
P-1. Number of changes and percentage of records affected during the computer edit of the public school district data file: 2007–08	P-2
P-2. Number of changes and percentage of records affected during the computer edit of the public school principal data file (including public charter school principals): 2007–08	P-4
P-3. Number of changes and percentage of records affected during the computer edit of the private school principal data file: 2007–08	P-7
P-4. Number of changes and percentage of records affected during the computer edit of the BIE school principal data file: 2007–08	P-10
P-5. Number of changes and percentage of records affected during the computer edit of the public school data file (including public charter schools): 2007–08	P-13
P-6. Number of changes and percentage of records affected during the computer edit of the private school data file: 2007–2008	P-16
P-7. Number of changes and percentage of records affected during the computer edit of the BIE school data file: 2007–08	P-21
P-8. Number of changes and percentage of records affected during the computer edit of the public school teacher data file (including public charter school teachers): 2007–08	P-25
P-9. Number of changes and percentage of records affected during the computer edit of the private school teacher data file: 2007–08	P-31
P-10. Number of changes and percentage of records affected during the computer edit of the BIE school teacher data file: 2007–08	P-37
P-11. Number of changes and percentage of records affected during the computer edit of the public school library media center data file (including public charter school library media centers): 2007–08	P-43
P-12. Number of changes and percentage of records affected during the computer edit of the BIE school library media center data file: 2007–08	P-44

Table P-1. Number of changes and percentage of records affected during the computer edit of the public school district data file: 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
D0250	31	0.67	D0290	448	9.74
D0251	76	1.65	D0291	342	7.43
D0252	92	2.00	D0292	465	10.11
D0253	0	0.00	D0293	492	10.69
D0254	3,950	85.85	D0294	513	11.15
D0260	94	2.04	D0295	249	5.41
D0261	0	0.00	D0296	0	0.00
D0262	0	0.00	D0297	71	1.54
D0263	0	0.00	D0298	32	0.70
D0264	0	0.00	D0299	0	0.00
D0265	0	0.00	D0300	170	3.69
D0266	0	0.00	D0301	0	0.00
D0267	0	0.00	D0302	2	0.04
D0268	0	0.00	D0303	0	0.00
D0269	0	0.00	D0310	57	1.24
D0270	0	0.00	D0311	0	0.00
D0271	0	0.00	D0312	0	0.00
D0272	0	0.00	D0313	0	0.00
D0273	0	0.00	D0314	0	0.00
D0274	3	0.07	D0315	0	0.00
D0275	829	18.02	D0316	6	0.13
D0276	118	2.56	D0317	0	0.00
D0277	79	1.72	D0318	142	3.09
D0278	97	2.11	D0319	142	3.09
D0279	86	1.87	D0325	0	0.00
D0280	121	2.63	D0326	21	0.46
D0281	123	2.67	D0327	42	0.91
D0282	260	5.65	D0328	22	0.48
D0283	79	1.72	D0329	0	0.00
D0284	3	0.07	D0330	1	0.02
D0285	53	1.15	D0331	1	0.02
D0286	622	13.52	D0332	3	0.07
D0287	34	0.74	D0333	3	0.07
D0288	5	0.11	D0334	1	0.02
D0289	18	0.39	D0335	8	0.17

See notes at end of table.

Table P-1. Number of changes and percentage of records affected during the computer edit of the public school district data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
D0336	7	0.15	D0373	248	5.39
D0337	0	0.00	D0374	275	5.98
D0338	0	0.00	D0375	277	6.02
D0339	0	0.00	D0376	247	5.37
D0340	0	0.00	D0377	10	0.22
D0341	111	2.41	D0378	0	0.00
D0342	0	0.00	D0379	0	0.00
D0343	0	0.00	D0385	4	0.09
D0344	0	0.00	D0386	0	0.00
D0345	0	0.00	D0390	14	0.30
D0346	0	0.00	D0391	1	0.02
D0347	0	0.00	D0392	0	0.00
D0348	0	0.00	D0393	35	0.76
D0349	0	0.00	D0394	0	0.00
D0350	0	0.00	D0395	0	0.00
D0355	0	0.00	D0396	0	0.00
D0356	0	0.00	D0397	0	0.00
D0357	0	0.00	D0398	0	0.00
D0358	0	0.00	D0399	0	0.00
D0359	7	0.15	D9001	0	0.00
D0360	0	0.00	D9002	0	0.00
D0361	0	0.00	D9003	0	0.00
D0362	0	0.00	D9004	0	0.00
D0363	0	0.00			
D0364	0	0.00			
D0365	0	0.00			
D0366	0	0.00			
D0370	31	0.67			
D0371	266	5.78			
D0372	278	6.04			

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School District Documentation Data File," 2007–08.

Table P-2. Number of changes and percentage of records affected during the computer edit of the public school principal data file (including public charter school principals): 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
A0025	187	2.51	A0065	0	0.00
A0026	4	0.05	A0066	0	0.00
A0027	33	0.44	A0067	0	0.00
A0028	844	11.32	A0068	0	0.00
A0029	0	0.00	A0069	0	0.00
A0030	0	0.00	A0070	0	0.00
A0031	0	0.00	A0071	0	0.00
A0032	8	0.11	A0072	0	0.00
A0033	0	0.00	A0073	0	0.00
A0034	0	0.00	A0074	0	0.00
A0040	0	0.00	A0075	0	0.00
A0041	3	0.04	A0076	0	0.00
A0042	8	0.11	A0077	0	0.00
A0043	0	0.00	A0078	0	0.00
A0044	0	0.00	A0079	0	0.00
A0045	0	0.00	A0080	0	0.00
A0046	0	0.00	A0081	0	0.00
A0047	0	0.00	A0082	0	0.00
A0048	0	0.00	A0083	0	0.00
A0049	0	0.00	A0084	0	0.00
A0050	0	0.00	A0085	0	0.00
A0051	0	0.00	A0086	0	0.00
A0052	0	0.00	A0087	0	0.00
A0053	0	0.00	A0088	0	0.00
A0054	0	0.00	A0089	0	0.00
A0055	0	0.00	A0090	0	0.00
A0056	0	0.00	A0091	0	0.00
A0057	0	0.00	A0092	0	0.00
A0058	0	0.00	A0100	60	0.80
A0059	0	0.00	A0101	0	0.00
A0060	0	0.00	A0102	0	0.00
A0061	0	0.00	A0103	0	0.00
A0062	0	0.00	A0104	0	0.00
A0063	0	0.00	A0105	0	0.00
A0064	0	0.00	A0106	0	0.00

See notes at end of table.

Table P-2. Number of changes and percentage of records affected during the computer edit of the public school principal data file (including public charter school principals): 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
A0107	0	0.00	A0150	0	0.00
A0108	0	0.00	A0151	0	0.00
A0109	0	0.00	A0152	0	0.00
A0110	0	0.00	A0153	0	0.00
A0111	0	0.00	A0154	0	0.00
A0112	0	0.00	A0155	0	0.00
A0113	0	0.00	A0156	0	0.00
A0114	0	0.00	A0157	0	0.00
A0115	0	0.00	A0158	0	0.00
A0116	0	0.00	A0159	0	0.00
A0125	0	0.00	A0160	0	0.00
A0126	0	0.00	A0161	0	0.00
A0127	0	0.00	A0170	171	2.29
A0128	0	0.00	A0171	3,340	44.78
A0129	0	0.00	A0172	578	7.75
A0130	0	0.00	A0173	925	12.40
A0131	0	0.00	A0174	2	0.03
A0132	0	0.00	A0175	92	1.23
A0133	0	0.00	A0176	99	1.33
A0134	0	0.00	A0177	91	1.22
A0135	0	0.00	A0178	94	1.26
A0136	0	0.00	A0179	18	0.24
A0137	0	0.00	A0180	13	0.17
A0138	0	0.00	A0181	3	0.04
A0139	0	0.00	A0182	8	0.11
A0140	0	0.00	A0183	47	0.63
A0141	0	0.00	A0184	2,514	33.70
A0142	0	0.00	A0185	474	6.35
A0143	0	0.00	A0186	744	9.97
A0144	0	0.00	A0187	136	1.82
A0145	0	0.00	A0188	63	0.84
A0146	0	0.00	A0189	74	0.99
A0147	0	0.00	A0190	6	0.08
A0148	0	0.00	A0191	70	0.94
A0149	0	0.00	A0206	0	0.00

See notes at end of table.

Table P-2. Number of changes and percentage of records affected during the computer edit of the public school principal data file (including public charter school principals): 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
A0207	0	0.00	A0234	0	0.00
A0208	0	0.00	A0235	0	0.00
A0209	0	0.00	A0240	0	0.00
A0210	0	0.00	A0241	0	0.00
A0211	0	0.00	A0242	0	0.00
A0212	0	0.00	A0243	0	0.00
A0213	0	0.00	A0244	0	0.00
A0214	0	0.00	A0245	0	0.00
A0215	0	0.00	A0246	0	0.00
A0216	5	0.07	A0247	0	0.00
A0217	0	0.00	A0248	0	0.00
A0225	96	1.29	A0249	29	0.39
A0226	95	1.27	A0250	0	0.00
A0227	308	4.13	A0251	0	0.00
A0228	0	0.00	A0252	0	0.00
A0229	0	0.00	A0253	0	0.00
A0230	0	0.00			
A0231	0	0.00			
A0232	0	0.00			
A0233	0	0.00			

NOTE: This table does not include the number of changes and percentage of records affected for item 30, which was dropped from data processing due to poor data quality.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Principal Documentation Data File," 2007–08.

Table P-3. Number of changes and percentage of records affected during the computer edit of the private school principal data file: 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
A0025	99	5.24	A0075	0	0.00
A0026	5	0.26	A0076	0	0.00
A0027	24	1.27	A0077	0	0.00
A0028	279	14.75	A0078	0	0.00
A0029	0	0.00	A0080	0	0.00
A0030	0	0.00	A0082	0	0.00
A0031	0	0.00	A0083	0	0.00
A0032	3	0.16	A0084	0	0.00
A0033	0	0.00	A0085	0	0.00
A0034	0	0.00	A0087	0	0.00
A0040	0	0.00	A0089	0	0.00
A0041	0	0.00	A0090	0	0.00
A0042	0	0.00	A0091	0	0.00
A0044	0	0.00	A0092	0	0.00
A0046	0	0.00	A0100	35	1.85
A0047	0	0.00	A0101	0	0.00
A0048	0	0.00	A0102	0	0.00
A0049	0	0.00	A0103	0	0.00
A0051	0	0.00	A0104	0	0.00
A0053	0	0.00	A0105	0	0.00
A0054	0	0.00	A0106	0	0.00
A0055	0	0.00	A0107	0	0.00
A0056	0	0.00	A0108	0	0.00
A0058	0	0.00	A0110	0	0.00
A0060	0	0.00	A0111	0	0.00
A0061	0	0.00	A0112	0	0.00
A0062	0	0.00	A0113	0	0.00
A0063	0	0.00	A0114	0	0.00
A0064	0	0.00	A0115	0	0.00
A0066	0	0.00	A0116	0	0.00
A0068	0	0.00	A0125	0	0.00
A0069	0	0.00	A0126	1	0.05
A0070	0	0.00	A0127	0	0.00
A0071	0	0.00	A0128	0	0.00
A0073	0	0.00	A0129	0	0.00

See notes at end of table.

Table P-3. Number of changes and percentage of records affected during the computer edit of the private school principal data file: 2007–08—Continued

Variable	Total number of changes	Percent o records affected	Variable	Total number of changes	Percent of records affected
A0130	0	0.00	A0173	417	22.05
A0131	0	0.00	A0174	14	0.74
A0132	0	0.00	A0175	43	2.27
A0133	0	0.00	A0176	53	2.80
A0134	0	0.00	A0177	53	2.80
A0135	0	0.00	A0178	49	2.59
A0136	0	0.00	A0179	16	0.85
A0137	0	0.00	A0180	11	0.58
A0138	0	0.00	A0181	14	0.74
A0139	0	0.00	A0182	17	0.90
A0140	0	0.00	A0183	50	2.64
A0141	0	0.00	A0184	1,337	70.70
A0142	0	0.00	A0185	241	12.74
A0143	0	0.00	A0186	418	22.10
A0144	0	0.00	A0187	65	3.44
A0145	0	0.00	A0188	33	1.75
A0146	0	0.00	A0189	50	2.64
A0147	0	0.00	A0190	11	0.58
A0148	0	0.00	A0191	40	2.12
A0149	0	0.00	A0206	0	0.00
A0150	0	0.00	A0207	0	0.00
A0151	0	0.00	A0208	0	0.00
A0152	0	0.00	A0209	0	0.00
A0153	0	0.00	A0210	0	0.00
A0154	0	0.00	A0211	0	0.00
A0155	0	0.00	A0212	0	0.00
A0156	0	0.00	A0213	0	0.00
A0157	0	0.00	A0214	0	0.00
A0158	0	0.00	A0215	0	0.00
A0159	0	0.00	A0225	47	2.49
A0160	0	0.00	A0226	27	1.43
A0161	0	0.00	A0227	203	10.74
A0170	23	1.22	A0229	0	0.00
A0171	1,463	77.37	A0230	0	0.00
A0172	244	12.90	A0232	0	0.00

See notes at end of table.

Table P-3. Number of changes and percentage of records affected during the computer edit of the private school principal data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
A0233	0	0.00	A0247	0	0.00
A0234	0	0.00	A0248	1	0.05
A0235	0	0.00	A0249	5	0.26
A0240	0	0.00	A0250	0	0.00
A0241	0	0.00	A0251	0	0.00
A0242	0	0.00	A0252	0	0.00
A0243	0	0.00	A0253	0	0.00
A0244	0	0.00			
A0245	0	0.00			
A0246	0	0.00			

NOTE: This table does not include the number of changes and percentage of records affected for item 30, which was dropped from data processing due to poor data quality.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Principal Documentation Data Files," 2007–08.

Table P-4. Number of changes and percentage of records affected during the computer edit of the BIE school principal data file: 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
A0025	4	3.01	A0065	0	0.00
A0026	0	0.00	A0066	0	0.00
A0027	5	3.76	A0067	0	0.00
A0028	19	14.29	A0068	0	0.00
A0029	0	0.00	A0069	0	0.00
A0030	0	0.00	A0070	0	0.00
A0031	0	0.00	A0071	0	0.00
A0032	0	0.00	A0072	0	0.00
A0033	0	0.00	A0073	0	0.00
A0034	0	0.00	A0074	0	0.00
A0040	0	0.00	A0075	0	0.00
A0041	0	0.00	A0076	0	0.00
A0042	0	0.00	A0077	0	0.00
A0043	0	0.00	A0078	0	0.00
A0044	0	0.00	A0079	0	0.00
A0045	0	0.00	A0080	0	0.00
A0046	0	0.00	A0081	0	0.00
A0047	0	0.00	A0082	0	0.00
A0048	0	0.00	A0083	0	0.00
A0049	0	0.00	A0084	0	0.00
A0050	0	0.00	A0085	0	0.00
A0051	0	0.00	A0086	0	0.00
A0052	0	0.00	A0087	0	0.00
A0053	0	0.00	A0088	0	0.00
A0054	0	0.00	A0089	0	0.00
A0055	0	0.00	A0090	0	0.00
A0056	0	0.00	A0091	0	0.00
A0057	0	0.00	A0092	0	0.00
A0058	0	0.00	A0100	4	3.01
A0059	0	0.00	A0101	0	0.00
A0060	0	0.00	A0102	0	0.00
A0061	0	0.00	A0103	0	0.00
A0062	0	0.00	A0104	0	0.00
A0063	0	0.00	A0105	0	0.00
A0064	0	0.00	A0106	0	0.00

See notes at end of table.

Table P-4. Number of changes and percentage of records affected during the computer edit of the BIE school principal data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
A0107	0	0.00	A0150	0	0.00
A0108	0	0.00	A0151	0	0.00
A0109	0	0.00	A0152	0	0.00
A0110	0	0.00	A0153	0	0.00
A0111	0	0.00	A0154	0	0.00
A0112	0	0.00	A0155	0	0.00
A0113	0	0.00	A0156	0	0.00
A0114	0	0.00	A0157	0	0.00
A0115	0	0.00	A0158	0	0.00
A0116	0	0.00	A0159	0	0.00
A0125	0	0.00	A0160	0	0.00
A0126	0	0.00	A0161	0	0.00
A0127	0	0.00	A0170	3	2.26
A0128	0	0.00	A0171	106	79.70
A0129	0	0.00	A0172	26	19.55
A0130	0	0.00	A0173	36	27.07
A0131	0	0.00	A0174	0	0.00
A0132	0	0.00	A0175	4	3.01
A0133	0	0.00	A0176	9	6.77
A0134	0	0.00	A0177	10	7.52
A0135	0	0.00	A0178	10	7.52
A0136	0	0.00	A0179	6	4.51
A0137	0	0.00	A0180	3	2.26
A0138	0	0.00	A0181	0	0.00
A0139	0	0.00	A0182	0	0.00
A0140	0	0.00	A0183	7	5.26
A0141	0	0.00	A0184	93	69.92
A0142	0	0.00	A0185	26	19.55
A0143	0	0.00	A0186	38	28.57
A0144	0	0.00	A0187	10	7.52
A0145	0	0.00	A0188	2	1.50
A0146	0	0.00	A0189	6	4.51
A0147	0	0.00	A0190	0	0.00
A0148	0	0.00	A0191	6	4.51
A0149	0	0.00	A0206	0	0.00

See notes at end of table.

Table P-4. Number of changes and percentage of records affected during the computer edit of the BIE school principal data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
A0207	0	0.00	A0234	0	0.00
A0208	0	0.00	A0235	0	0.00
A0209	0	0.00	A0240	0	0.00
A0210	0	0.00	A0241	0	0.00
A0211	0	0.00	A0242	0	0.00
A0212	0	0.00	A0243	0	0.00
A0213	0	0.00	A0244	0	0.00
A0214	0	0.00	A0245	0	0.00
A0215	0	0.00	A0246	0	0.00
A0216	1	0.75	A0247	0	0.00
A0217	0	0.00	A0248	0	0.00
A0225	3	2.26	A0249	1	0.75
A0226	2	1.50	A0250	0	0.00
A0227	7	5.26	A0251	0	0.00
A0228	0	0.00	A0252	0	0.00
A0229	0	0.00	A0253	0	0.00
A0230	0	0.00			
A0231	0	0.00			
A0232	0	0.00			
A0233	0	0.00			

NOTE: This table does not include the number of changes and percentage of records affected for item 30, which was dropped from data processing due to poor data quality. BIE refers to the Bureau of Indian Education.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "BIE School Principal Documentation Data File," 2007–08.

Table P-5. Number of changes and percentage of records affected during the computer edit of the public school data file (including public charter schools): 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
S0025	0	0.00	S0060	0	0.00
S0026	0	0.00	S0061	0	0.00
S0027	0	0.00	S0062	89	1.18
S0028	0	0.00	S0070	409	5.40
S0029	0	0.00	S0071	0	0.00
S0030	0	0.00	S0072	0	0.00
S0031	0	0.00	S0073	0	0.00
S0032	0	0.00	S0074	27	0.36
S0033	0	0.00	S0075	0	0.00
S0034	0	0.00	S0076	0	0.00
S0035	0	0.00	S0077	0	0.00
S0036	0	0.00	S0078	19	0.25
S0037	0	0.00	S0079	0	0.00
S0038	0	0.00	S0080	0	0.00
S0039	872	11.52	S0081	0	0.00
S0040	1	0.01	S0082	0	0.00
S0041	17	0.22	S0083	0	0.00
S0042	260	3.43	S0084	84	1.11
S0043	309	4.08	S0085	88	1.16
S0044	287	3.79	S0086	0	0.00
S0045	328	4.33	S0087	0	0.00
S0046	351	4.64	S0088	75	0.99
S0047	1,377	18.19	S0089	40	0.53
S0048	10	0.13	S0090	0	0.00
S0049	0	0.00	S0091	85	1.12
S0050	84	1.11	S0092	0	0.00
S0051	43	0.57	S0100	0	0.00
S0052	541	7.14	S0101	0	0.00
S0053	0	0.00	S0102	0	0.00
S0054	0	0.00	S0103	0	0.00
S0055	292	3.86	S0104	0	0.00
S0056	83	1.10	S0105	747	9.87
S0057	0	0.00	S0106	0	0.00
S0058	0	0.00	S0107	636	8.40
S0059	65	0.86	S0108	0	0.00

See notes at end of table.

Table P-5. Number of changes and percentage of records affected during the computer edit of the public school data file (including public charter schools): 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
S0109	0	0.00	S0149	2,702	35.68
S0110	0	0.00	S0150	778	10.27
S0111	0	0.00	S0151	2,959	39.08
S0112	13	0.17	S0152	455	6.01
S0113	0	0.00	S0153	3,533	46.66
S0114	1	0.01	S0154	605	7.99
S0120	64	0.85	S0155	2,961	39.10
S0121	528	6.97	S0156	538	7.11
S0122	166	2.19	S0157	3,380	44.64
S0123	58	0.77	S0158	569	7.51
S0124	269	3.55	S0159	3,201	42.27
S0125	327	4.32	S0160	548	7.24
S0126	385	5.08	S0161	3,084	40.73
S0127	552	7.29	S0162	645	8.52
S0128	75	0.99	S0163	2,885	38.10
S0129	3,050	40.28	S0164	129	1.70
S0130	95	1.25	S0165	3,744	49.45
S0131	2,534	33.47	S0166	512	6.76
S0132	176	2.32	S0167	3,397	44.86
S0133	2,521	33.29	S0168	212	2.80
S0134	334	4.41	S0169	3,704	48.92
S0135	3,605	47.61	S0170	1,248	16.48
S0136	175	2.31	S0171	2,940	38.83
S0137	3,336	44.06	S0172	0	0.00
S0138	884	11.67	S0173	0	0.00
S0139	3,010	39.75	S0174	0	0.00
S0140	874	11.54	S0175	0	0.00
S0141	2,523	33.32	S0176	0	0.00
S0142	1,200	15.85	S0177	0	0.00
S0143	2,511	33.16	S0178	4	0.05
S0144	1,282	16.93	S0179	404	5.34
S0145	2,662	35.16	S0180	261	3.45
S0146	1,587	20.96	S0181	0	0.00
S0147	2,620	34.60	S0182	0	0.00
S0148	769	10.16	S0183	0	0.00

See notes at end of table.

Table P-5. Number of changes and percentage of records affected during the computer edit of the public school data file (including public charter schools): 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
S0184	0	0.00	S0220	598	7.90
S0185	0	0.00	S0221	481	6.35
S0186	0	0.00	S0222	459	6.06
S0187	0	0.00	S0223	0	0.00
S0188	0	0.00	S0224	0	0.00
S0189	0	0.00	S0225	0	0.00
S0190	0	0.00	S0226	24	0.32
S0191	195	2.58	S0230	2	0.03
S0192	12	0.16	S0231	0	0.00
S0193	8	0.11	S0232	78	1.03
S0200	61	0.81	S0233	1	0.01
S0201	229	3.02	S0234	0	0.00
S0202	22	0.29	S0235	0	0.00
S0203	682	9.01	S0236	0	0.00
S0204	647	8.54	S0237	0	0.00
S0205	769	10.16	S0238	0	0.00
S0206	719	9.50	S5048	0	0.00
S0207	298	3.94	S5234	0	0.00
S0208	4	0.05	S9001	0	0.00
S0209	0	0.00	S9002	0	0.00
S0210	0	0.00	S9003	0	0.00
S0211	0	0.00	S9004	0	0.00
S0212	0	0.00	S9005	0	0.00
S0213	27	0.36			
S0214	13	0.17			
S0215	39	0.52			
S0216	2,685	35.46			
S0217	130	1.72			
S0218	340	4.49			
S0219	1,333	17.60			

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Public School Documentation Data File,” 2007–08.

Table P-6. Number of changes and percentage of records affected during the computer edit of the private school data file: 2007–2008

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
s0041	0	0.00	s0041	0	0.00
s0042	0	0.00	s0042	0	0.00
s0043	0	0.00	s0043	0	0.00
s0044	0	0.00	s0044	0	0.00
s0045	0	0.00	s0045	0	0.00
s0046	0	0.00	s0046	0	0.00
s0047	250	12.70	s0047	250	12.70
s0048	0	0.00	s0048	0	0.00
S5048	0	0.00	S5048	0	0.00
s0049	0	0.00	s0049	0	0.00
s0050	0	0.00	s0050	0	0.00
s0051	0	0.00	s0051	0	0.00
s0052	0	0.00	s0052	0	0.00
s0053	0	0.00	s0053	0	0.00
s0054	0	0.00	s0054	0	0.00
s0055	0	0.00	s0055	0	0.00
s0056	0	0.00	s0056	0	0.00
s0057	0	0.00	s0057	0	0.00
s0058	0	0.00	s0058	0	0.00
s0059	7	0.36	s0059	7	0.36
s0060	0	0.00	s0060	0	0.00
s0061	0	0.00	s0061	0	0.00
s0062	0	0.00	s0062	0	0.00
s0070	222	11.28	s0070	222	11.28
s0071	0	0.00	s0071	0	0.00
s0072	0	0.00	s0072	0	0.00
s0073	0	0.00	s0073	0	0.00
s0074	10	0.51	s0074	10	0.51
s0075	0	0.00	s0075	0	0.00
s0076	0	0.00	s0076	0	0.00
s0077	0	0.00	s0077	0	0.00
s0081	0	0.00	s0081	0	0.00
s0082	0	0.00	s0082	0	0.00
s0083	0	0.00	s0083	0	0.00
s0084	136	6.91	s0084	136	6.91

See notes at end of table.

Table P-6. Number of changes and percentage of records affected during the computer edit of the private school data file: 2007–2008—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
s0085	41	2.08	s0136	36	1.83
s0086	0	0.00	s0137	185	9.40
s0087	0	0.00	s0138	154	7.83
s0088	1	0.05	s0139	267	13.57
s0089	0	0.00	s0140	139	7.06
s0091	0	0.00	s0141	204	10.37
s0100	0	0.00	s0142	152	7.72
s0101	0	0.00	s0143	184	9.35
s0102	0	0.00	s0144	170	8.64
s0103	0	0.00	s0145	188	9.55
s0104	0	0.00	s0146	201	10.21
s0105	0	0.00	s0147	271	13.77
s0106	0	0.00	s0148	110	5.59
s0107	161	8.18	s0149	196	9.96
s0108	0	0.00	s0150	88	4.47
s0109	0	0.00	s0151	172	8.74
s0110	0	0.00	s0152	87	4.42
s0111	0	0.00	s0153	205	10.42
s0112	0	0.00	s0154	84	4.27
s0114	0	0.00	s0155	163	8.28
s0120	0	0.00	s0156	113	5.74
s0122	76	3.86	s0157	246	12.50
s0123	44	2.24	s0158	115	5.84
s0124	153	7.77	s0159	236	11.99
s0125	160	8.13	s0160	111	5.64
s0126	215	10.92	s0161	242	12.30
s0127	231	11.74	s0162	116	5.89
s0128	24	1.22	s0163	193	9.81
s0129	331	16.82	s0164	56	2.85
s0130	47	2.39	s0165	419	21.29
s0131	220	11.18	s0166	126	6.40
s0132	94	4.78	s0167	281	14.28
s0133	230	11.69	s0168	109	5.54
s0134	99	5.03	s0169	373	18.95
s0135	247	12.55	s0170	248	12.60

See notes at end of table.

Table P-6. Number of changes and percentage of records affected during the computer edit of the private school data file: 2007–2008—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
s0171	300	15.24	s0212	0	0.00
s0172	0	0.00	s0215	16	0.81
s0173	0	0.00	s0216	174	8.84
s0174	0	0.00	s0217	16	0.81
s0175	0	0.00	s0218	28	1.42
s0176	0	0.00	s0219	77	3.91
s0177	0	0.00	s0220	49	2.49
s0178	2	0.10	s0221	10	0.51
s0179	96	4.88	s0222	10	0.51
s0180	18	0.91	s0223	0	0.00
s0181	0	0.00	s0224	0	0.00
s0182	0	0.00	s0225	0	0.00
s0183	0	0.00	s0235	0	0.00
s0184	0	0.00	s0236	0	0.00
s0185	0	0.00	s0237	0	0.00
s0186	0	0.00	s0238	0	0.00
s0187	0	0.00	s0297	58	2.95
s0188	0	0.00	s0315	0	0.00
s0189	0	0.00	s0318	29	1.47
s0190	0	0.00	s0319	29	1.47
s0191	30	1.52	s0328	142	7.22
s0192	1	0.05	s0329	5	0.25
s0193	2	0.10	s0330	0	0.00
s0200	2	0.10	s0331	0	0.00
s0201	28	1.42	s0332	0	0.00
s0202	4	0.20	s0333	0	0.00
s0203	101	5.13	s0334	0	0.00
s0204	160	8.13	s0335	4	0.20
s0205	205	10.42	s0336	0	0.00
s0206	211	10.72	s0337	0	0.00
s0207	23	1.17	s0338	0	0.00
s0208	0	0.00	s0339	0	0.00
s0209	0	0.00	s0340	0	0.00
s0210	0	0.00	s0341	39	1.98
s0211	0	0.00	s0342	0	0.00

See notes at end of table.

Table P-6. Number of changes and percentage of records affected during the computer edit of the private school data file: 2007–2008—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
s0343	0	0.00	s0418	0	0.00
s0344	0	0.00	s0419	0	0.00
s0345	0	0.00	s0420	0	0.00
s0346	0	0.00	s0421	0	0.00
s0347	0	0.00	s0422	0	0.00
s0348	0	0.00	s0423	0	0.00
s0349	0	0.00	s0424	0	0.00
s0350	0	0.00	s0425	0	0.00
s0370	11	0.56	s0426	0	0.00
s0371	205	10.42	s0427	0	0.00
s0372	202	10.26	s0428	0	0.00
s0373	197	10.01	s0429	0	0.00
s0374	200	10.16	s0430	0	0.00
s0375	201	10.21	s0431	0	0.00
s0376	202	10.26	s0432	0	0.00
s0377	0	0.00	s0433	0	0.00
s0378	0	0.00	s0434	0	0.00
s0400	0	0.00	s0435	0	0.00
s0401	0	0.00	s0436	0	0.00
s0402	0	0.00	s0437	0	0.00
s0403	0	0.00	s0438	0	0.00
s0404	0	0.00	s0439	0	0.00
s0405	0	0.00	s0440	0	0.00
s0406	0	0.00	S5440	0	0.00
s0407	0	0.00	s0441	0	0.00
s0408	0	0.00	s0442	0	0.00
s0409	0	0.00	s0443	0	0.00
s0410	0	0.00	s0444	0	0.00
s0411	0	0.00	s0445	0	0.00
s0412	0	0.00	s0446	0	0.00
s0413	0	0.00	s0447	0	0.00
s0414	0	0.00	s0448	0	0.00
s0415	0	0.00	s0449	0	0.00
s0416	0	0.00	s0450	0	0.00
s0417	0	0.00	s0451	0	0.00

See notes at end of table.

Table P-6. Number of changes and percentage of records affected during the computer edit of the private school data file: 2007–2008—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
s0452	0	0.00	s0501	3	0.15
s0453	0	0.00	s0502	4	0.20
s0454	0	0.00	s0503	7	0.36
s0455	0	0.00	s0504	16	0.81
s0456	0	0.00	s0505	9	0.46
s0457	0	0.00	s0506	0	0.00
s0458	0	0.00	s0507	19	0.97
s0459	0	0.00	s0508	0	0.00
s0460	0	0.00	s0509	0	0.00
s0461	0	0.00	s0510	0	0.00
s0462	0	0.00	s0515	0	0.00
S5462	0	0.00	s0516	0	0.00
s0463	0	0.00	s0520	0	0.00
s0464	0	0.00	s0521	0	0.00
s0465	0	0.00	s0522	0	0.00
s0466	0	0.00	s0523	0	0.00
s0467	0	0.00	s0524	0	0.00
s0468	0	0.00	s0525	133	6.76
s0469	0	0.00	s0526	255	12.96
s0470	0	0.00	S9001	0	0.00
s0471	0	0.00	S9002	0	0.00
s0472	0	0.00	S9004	0	0.00
s0473	0	0.00	S9005	0	0.00
s0474	0	0.00	S9006	0	0.00
s0475	0	0.00	S9007	0	0.00
s0476	0	0.00	S9008	0	0.00
s0477	0	0.00	S9009	0	0.00
s0478	0	0.00	S9010	0	0.00
S5478	0	0.00	S9011	0	0.00
s0479	0	0.00	S9012	0	0.00
s0480	0	0.00	S9013	0	0.00
s0481	0	0.00	S9014	0	0.00
s0482	0	0.00	S9015	0	0.00
s0483	0	0.00	S9016	0	0.00
s0484	0	0.00	S9017	0	0.00
s0485	0	0.00			
S5485	0	0.00			
s0500	0	0.00			

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Documentation Data File," 2007–08.

Table P-7. Number of changes and percentage of records affected during the computer edit of the BIE school data file: 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
S0025	0	0.00	S0060	0	0.00
S0026	0	0.00	S0061	0	0.00
S0027	0	0.00	S0062	5	3.82
S0028	0	0.00	S0070	10	7.63
S0029	0	0.00	S0071	0	0.00
S0030	0	0.00	S0072	0	0.00
S0031	0	0.00	S0073	0	0.00
S0032	0	0.00	S0074	0	0.00
S0033	0	0.00	S0075	0	0.00
S0034	0	0.00	S0076	0	0.00
S0035	0	0.00	S0077	0	0.00
S0036	0	0.00	S0078	0	0.00
S0037	0	0.00	S0079	0	0.00
S0038	0	0.00	S0080	0	0.00
S0039	7	5.34	S0081	0	0.00
S0040	0	0.00	S0082	0	0.00
S0041	0	0.00	S0083	0	0.00
S0042	12	9.16	S0084	2	1.53
S0043	12	9.16	S0085	2	1.53
S0044	16	12.21	S0086	0	0.00
S0045	19	14.50	S0087	0	0.00
S0046	7	5.34	S0088	1	0.76
S0047	9	6.87	S0089	5	3.82
S0048	3	2.29	S0090	0	0.00
S0049	0	0.00	S0091	5	3.82
S0050	0	0.00	S0092	0	0.00
S0051	0	0.00	S0095	0	0.00
S0052	12	9.16	S0100	0	0.00
S0053	0	0.00	S0101	0	0.00
S0054	0	0.00	S0102	0	0.00
S0055	7	5.34	S0103	0	0.00
S0056	1	0.76	S0104	0	0.00
S0057	0	0.00	S0105	13	9.92
S0058	0	0.00	S0106	0	0.00
S0059	1	0.76	S0107	11	8.40

See notes at end of table.

Table P-7. Number of changes and percentage of records affected during the computer edit of the BIE school data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
S0108	0	0.00	S0148	12	9.16
S0109	0	0.00	S0149	80	61.07
S0110	0	0.00	S0150	6	4.58
S0111	0	0.00	S0151	96	73.28
S0112	0	0.00	S0152	6	4.58
S0113	0	0.00	S0153	101	77.10
S0114	0	0.00	S0154	11	8.40
S0120	1	0.76	S0155	95	72.52
S0121	14	10.69	S0156	4	3.05
S0122	4	3.05	S0157	101	77.10
S0123	5	3.82	S0158	8	6.11
S0124	6	4.58	S0159	101	77.10
S0125	10	7.63	S0160	6	4.58
S0126	3	2.29	S0161	97	74.05
S0127	4	3.05	S0162	11	8.40
S0128	0	0.00	S0163	93	70.99
S0129	88	67.18	S0164	1	0.76
S0130	0	0.00	S0165	104	79.39
S0131	85	64.89	S0166	1	0.76
S0132	6	4.58	S0167	101	77.10
S0133	85	64.89	S0168	0	0.00
S0134	6	4.58	S0169	106	80.92
S0135	89	67.94	S0170	16	12.21
S0136	1	0.76	S0171	101	77.10
S0137	89	67.94	S0172	0	0.00
S0138	9	6.87	S0173	0	0.00
S0139	78	59.54	S0174	0	0.00
S0140	5	3.82	S0175	0	0.00
S0141	71	54.20	S0176	0	0.00
S0142	11	8.40	S0177	0	0.00
S0143	69	52.67	S0178	0	0.00
S0144	20	15.27	S0179	13	9.92
S0145	69	52.67	S0180	3	2.29
S0146	32	24.43	S0181	0	0.00
S0147	77	58.78	S0182	0	0.00

See notes at end of table.

Table P-7. Number of changes and percentage of records affected during the computer edit of the BIE school data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
S0183	0	0.00	S0224	0	0.00
S0184	0	0.00	S0225	0	0.00
S0185	0	0.00	S0226	3	2.29
S0186	0	0.00	S0230	0	0.00
S0187	0	0.00	S0231	0	0.00
S0188	0	0.00	S0232	0	0.00
S0189	0	0.00	S0233	0	0.00
S0190	0	0.00	S0234	0	0.00
S0191	1	0.76	S0235	0	0.00
S0192	0	0.00	S0236	0	0.00
S0193	0	0.00	S0237	0	0.00
S0200	0	0.00	S0238	0	0.00
S0201	5	3.82	S0296	0	0.00
S0202	0	0.00	S0297	0	0.00
S0203	10	7.63	S0311	0	0.00
S0204	11	8.40	S0312	0	0.00
S0205	12	9.16	S0313	0	0.00
S0206	12	9.16	S0314	0	0.00
S0207	5	3.82	S0315	0	0.00
S0208	0	0.00	S0318	0	0.00
S0209	0	0.00	S0319	0	0.00
S0210	0	0.00	S0328	0	0.00
S0211	0	0.00	S0329	0	0.00
S0212	0	0.00	S0330	0	0.00
S0213	1	0.76	S0331	0	0.00
S0214	0	0.00	S0332	0	0.00
S0215	0	0.00	S0333	0	0.00
S0216	46	35.11	S0334	0	0.00
S0217	15	11.45	S0335	0	0.00
S0218	11	8.40	S0336	0	0.00
S0219	24	18.32	S0337	0	0.00
S0220	17	12.98	S0338	0	0.00
S0221	32	24.43	S0339	0	0.00
S0222	32	24.43	S0340	0	0.00
S0223	0	0.00	S0341	0	0.00

See notes at end of table.

Table P-7. Number of changes and percentage of records affected during the computer edit of the BIE school data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
S0342	0	0.00	S0375	0	0.00
S0343	0	0.00	S0376	0	0.00
S0344	0	0.00	S0377	0	0.00
S0345	0	0.00	S0378	0	0.00
S0346	0	0.00	S0379	0	0.00
S0347	0	0.00	S5048	0	0.00
S0348	0	0.00	S5234	0	0.00
S0349	0	0.00	S9001	0	0.00
S0350	0	0.00	S9002	0	0.00
S0365	0	0.00	S9003	0	0.00
S0370	0	0.00	S9004	0	0.00
S0371	0	0.00	S9005	0	0.00
S0372	0	0.00			
S0373	0	0.00			
S0374	0	0.00			

NOTE: BIE refers to the Bureau of Indian Education.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "BIE School Documentation Data File," 2007–08.

Table P-8. Number of changes and percentage of records affected during the computer edit of the public school teacher data file (including public charter school teachers): 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0025	83	0.22	T0069	4,411	11.54
T0026	7,074	18.50	T0070	0	0.00
T0027	13	0.03	T0071	0	0.00
T0028	405	1.06	T0072	152	0.40
T0029	1,403	3.67	T0073	1,679	4.39
T0030	206	0.54	T0074	219	0.57
T0031	4,453	11.64	T0075	241	0.63
T0034	3,539	9.25	T0076	273	0.71
T0035	7	0.02	T0077	1,356	3.55
T0036	177	0.46	T0078	804	2.10
T0037	27	0.07	T0079	85	0.22
T0038	4,150	10.85	T0080	2	0.01
T0039	3,213	8.40	T0081	798	2.09
T0040	121	0.32	T0082	79	0.21
T0041	17,305	45.25	T0083	0	0.00
T0042	16,796	43.92	T0084	805	2.11
T0050	10	0.03	T0085	82	0.21
T0051	6	0.02	T0086	0	0.00
T0052	39	0.10	T0087	700	1.83
T0053	18	0.05	T0088	68	0.18
T0054	27	0.07	T0089	0	0.00
T0055	28	0.07	T0090	642	1.68
T0056	31	0.08	T0091	77	0.20
T0057	42	0.11	T0092	0	0.00
T0058	60	0.16	T0093	497	1.30
T0059	58	0.15	T0094	48	0.13
T0060	98	0.26	T0095	0	0.00
T0061	80	0.21	T0096	244	0.64
T0062	75	0.20	T0097	25	0.07
T0063	59	0.15	T0098	0	0.00
T0064	1,479	3.87	T0099	111	0.29
T0065	2,384	6.23	T0100	7	0.02
T0066	507	1.33	T0101	0	0.00
T0067	6,561	17.16	T0102	51	0.13
T0068	100	0.26	T0103	4	0.01

See notes at end of table.

Table P-8. Number of changes and percentage of records affected during the computer edit of the public school teacher data file (including public charter school teachers): 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0104	0	0.00	T0144	0	0.00
T0105	34	0.09	T0145	0	0.00
T0106	4	0.01	T0146	0	0.00
T0107	0	0.00	T0147	0	0.00
T0110	156	0.41	T0148	0	0.00
T0111	56	0.15	T0149	0	0.00
T0112	36	0.09	T0150	390	1.02
T0113	811	2.12	T0151	0	0.00
T0114	801	2.09	T0152	0	0.00
T0115	405	1.06	T0153	0	0.00
T0119	0	0.00	T0154	97	0.25
T0120	138	0.36	T0155	0	0.00
T0121	76	0.20	T0160	0	0.00
T0122	72	0.19	T0161	256	0.67
T0123	1,088	2.85	T0162	374	0.98
T0124	2,920	7.64	T0163	75	0.20
T0125	62	0.16	T0164	48	0.13
T0126	13	0.03	T0165	900	2.35
T0127	415	1.09	T0166	472	1.23
T0128	9	0.02	T0167	78	0.20
T0129	954	2.49	T0168	78	0.20
T0130	938	2.45	T0169	22	0.06
T0131	859	2.25	T0170	570	1.49
T0132	438	1.15	T0171	472	1.23
T0133	426	1.11	T0172	40	0.10
T0134	349	0.91	T0173	28	0.07
T0135	79	0.21	T0174	20	0.05
T0136	92	0.24	T0175	354	0.93
T0137	0	0.00	T0176	248	0.65
T0138	42	0.11	T0177	23	0.06
T0139	94	0.25	T0178	23	0.06
T0140	1	0.00	T0179	12	0.03
T0141	34	0.09	T0180	163	0.43
T0142	102	0.27	T0181	131	0.34
T0143	2	0.01	T0182	15	0.04

See notes at end of table.

Table P-8. Number of changes and percentage of records affected during the computer edit of the public school teacher data file (including public charter school teachers): 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T9015	0	0.00	T9030	0	0.00
T9016	0	0.00	T9031	0	0.00
T9017	0	0.00	T9032	0	0.00
T9018	0	0.00	T9033	0	0.00
T9019	0	0.00	T9034	0	0.00
T9020	0	0.00	T9035	0	0.00
T9021	0	0.00	T9036	0	0.00
T9022	0	0.00	T9037	0	0.00
T9023	0	0.00	T9038	0	0.00
T9024	0	0.00	T9039	0	0.00
T9025	0	0.00	T9040	0	0.00
T9026	0	0.00	T9041	0	0.00
T9027	0	0.00	T9042	0	0.00
T9028	0	0.00	T9043	0	0.00
T9029	0	0.00	T9044	0	0.00

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Teacher Documentation Data File," 2007–08.

Table P-9. Number of changes and percentage of records affected during the computer edit of the private school teacher data file: 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0025	25	0.42	T0070	0	0.00
T0026	1,182	19.70	T0071	0	0.00
T0027	2	0.03	T0072	26	0.43
T0028	80	1.33	T0073	274	4.57
T0029	335	5.58	T0074	17	0.28
T0030	15	0.25	T0075	20	0.33
T0031	780	13.00	T0076	20	0.33
T0034	515	8.58	T0077	262	4.37
T0035	2	0.03	T0078	103	1.72
T0036	81	1.35	T0079	12	0.20
T0037	3	0.05	T0080	0	0.00
T0038	342	5.70	T0081	96	1.60
T0039	183	3.05	T0082	8	0.13
T0041	756	12.60	T0083	0	0.00
T0042	564	9.40	T0084	97	1.62
T0050	0	0.00	T0085	10	0.17
T0051	2	0.03	T0086	0	0.00
T0052	1	0.02	T0087	90	1.50
T0053	2	0.03	T0088	9	0.15
T0054	2	0.03	T0089	0	0.00
T0055	1	0.02	T0090	84	1.40
T0056	1	0.02	T0091	7	0.12
T0057	2	0.03	T0092	0	0.00
T0058	0	0.00	T0093	65	1.08
T0059	0	0.00	T0094	6	0.10
T0060	3	0.05	T0095	0	0.00
T0061	1	0.02	T0096	51	0.85
T0062	0	0.00	T0097	3	0.05
T0063	0	0.00	T0098	0	0.00
T0064	0	0.00	T0099	35	0.58
T0065	0	0.00	T0100	3	0.05
T0066	0	0.00	T0101	0	0.00
T0067	1,429	23.82	T0102	27	0.45
T0068	30	0.50	T0103	1	0.02
T0069	804	13.40	T0104	0	0.00

See notes at end of table.

Table P-9. Number of changes and percentage of records affected during the computer edit of the private school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0105	23	0.38	T0145	0	0.00
T0106	0	0.00	T0146	0	0.00
T0107	0	0.00	T0147	0	0.00
T0110	25	0.42	T0148	0	0.00
T0111	3	0.05	T0149	0	0.00
T0112	0	0.00	T0150	77	1.28
T0113	106	1.77	T0151	0	0.00
T0114	133	2.22	T0152	0	0.00
T0115	59	0.98	T0153	0	0.00
T0119	0	0.00	T0154	19	0.32
T0120	8	0.13	T0155	0	0.00
T0121	6	0.10	T0160	0	0.00
T0122	6	0.10	T0161	18	0.30
T0123	69	1.15	T0162	49	0.82
T0124	423	7.05	T0163	11	0.18
T0125	9	0.15	T0164	5	0.08
T0126	2	0.03	T0165	86	1.43
T0127	61	1.02	T0166	45	0.75
T0128	2	0.03	T0167	11	0.18
T0129	123	2.05	T0168	6	0.10
T0130	128	2.13	T0169	1	0.02
T0131	114	1.90	T0170	79	1.32
T0132	45	0.75	T0171	62	1.03
T0133	53	0.88	T0172	5	0.08
T0134	36	0.60	T0173	2	0.03
T0135	5	0.08	T0174	2	0.03
T0136	12	0.20	T0175	49	0.82
T0137	0	0.00	T0176	38	0.63
T0138	3	0.05	T0177	1	0.02
T0139	13	0.22	T0178	0	0.00
T0140	0	0.00	T0179	0	0.00
T0141	8	0.13	T0180	22	0.37
T0142	13	0.22	T0181	20	0.33
T0143	0	0.00	T0182	3	0.05
T0144	0	0.00	T0183	0	0.00

See notes at end of table.

Table P-9. Number of changes and percentage of records affected during the computer edit of the private school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0184	0	0.00	T0221	0	0.00
T0185	3	0.05	T0222	0	0.00
T0186	1	0.02	T0223	0	0.00
T0187	10	0.17	T0224	0	0.00
T0188	8	0.13	T0225	0	0.00
T0189	1	0.02	T0226	0	0.00
T0190	1	0.02	T0231	0	0.00
T0191	11	0.18	T0232	12	0.20
T0192	11	0.18	T0233	12	0.20
T0193	2	0.03	T0234	35	0.58
T0194	1	0.02	T0235	0	0.00
T0195	1	0.02	T0236	0	0.00
T0196	6	0.10	T0237	51	0.85
T0197	4	0.07	T0238	0	0.00
T0198	1	0.02	T0239	0	0.00
T0199	1	0.02	T0240	31	0.52
T0200	0	0.00	T0241	0	0.00
T0201	4	0.07	T0242	0	0.00
T0202	3	0.05	T0243	30	0.50
T0203	0	0.00	T0244	0	0.00
T0204	0	0.00	T0245	0	0.00
T0205	0	0.00	T0246	50	0.83
T0206	3	0.05	T0247	0	0.00
T0207	2	0.03	T0248	0	0.00
T0208	0	0.00	T0249	79	1.32
T0209	0	0.00	T0250	0	0.00
T0210	0	0.00	T0251	0	0.00
T0213	364	6.07	T0252	9	0.15
T0214	0	0.00	T0260	166	2.77
T0215	0	0.00	T0261	549	9.15
T0216	0	0.00	T0262	535	8.92
T0217	0	0.00	T0263	0	0.00
T0218	0	0.00	T0264	0	0.00
T0219	0	0.00	T0265	0	0.00
T0220	0	0.00	T0266	0	0.00

See notes at end of table.

Table P-9. Number of changes and percentage of records affected during the computer edit of the private school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0267	0	0.00	T0307	0	0.00
T0268	0	0.00	T0308	0	0.00
T0269	0	0.00	T0309	0	0.00
T0270	0	0.00	T0310	0	0.00
T0271	0	0.00	T0311	0	0.00
T0272	0	0.00	T0312	0	0.00
T0273	0	0.00	T0313	0	0.00
T0274	0	0.00	T0314	0	0.00
T0280	0	0.00	T0315	0	0.00
T0281	0	0.00	T0316	0	0.00
T0282	0	0.00	T0317	0	0.00
T0283	0	0.00	T0318	0	0.00
T0284	0	0.00	T0319	0	0.00
T0285	0	0.00	T0320	0	0.00
T0286	0	0.00	T0321	0	0.00
T0287	0	0.00	T0322	0	0.00
T0288	0	0.00	T0323	1	0.02
T0289	0	0.00	T0324	276	4.60
T0290	0	0.00	T0325	0	0.00
T0291	0	0.00	T0326	1	0.02
T0292	0	0.00	T0327	270	4.50
T0293	0	0.00	T0335	15	0.25
T0294	0	0.00	T0336	6	0.10
T0295	0	0.00	T0338	16	0.27
T0296	0	0.00	T0339	2	0.03
T0297	0	0.00	T0341	26	0.43
T0298	0	0.00	T0342	1	0.02
T0299	0	0.00	T0343	50	0.83
T0300	0	0.00	T0344	33	0.55
T0301	0	0.00	T0345	2	0.03
T0302	0	0.00	T0346	11	0.18
T0303	0	0.00	T0347	1	0.02
T0304	0	0.00	T0348	30	0.50
T0305	0	0.00	T0349	1	0.02
T0306	0	0.00	T0350	0	0.00

See notes at end of table.

Table P-9. Number of changes and percentage of records affected during the computer edit of the private school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0351	0	0.00	T0425	29	0.48
T0352	37	0.62	T0426	14	0.23
T0353	0	0.00	T0427	1	0.02
T0354	0	0.00	T0428	0	0.00
T0355	0	0.00	T0429	1	0.02
T0356	0	0.00	T0430	37	0.62
T0357	0	0.00	T0450	0	0.00
T0358	1	0.02	T5030	0	0.00
T0359	0	0.00	T5032	0	0.00
T0360	0	0.00	T5033	0	0.00
T0361	0	0.00	T5035	0	0.00
T0362	0	0.00	T5067	764	12.74
T0363	0	0.00	T5078	12	0.20
T0364	0	0.00	T5081	19	0.32
T0400	119	1.98	T5084	19	0.32
T0405	261	4.35	T5087	19	0.32
T0406	0	0.00	T5090	17	0.28
T0407	2	0.03	T5093	14	0.23
T0408	1	0.02	T5096	12	0.20
T0409	1	0.02	T5099	10	0.17
T0410	68	1.13	T5102	10	0.17
T0411	16	0.27	T5105	13	0.22
T0412	2	0.03	T5113	238	3.97
T0413	2	0.03	T5115	65	1.08
T0414	1	0.02	T5116	0	0.00
T0415	46	0.77	T5117	0	0.00
T0416	23	0.38	T5118	0	0.00
T0417	1	0.02	T5123	97	1.62
T0418	2	0.03	T5125	6	0.10
T0419	1	0.02	T5127	19	0.32
T0420	27	0.45	T5129	115	1.92
T0421	16	0.27	T5132	41	0.68
T0422	1	0.02	T5135	4	0.07
T0423	0	0.00	T5138	5	0.08
T0424	0	0.00	T5141	1	0.02

See notes at end of table.

Table P-9. Number of changes and percentage of records affected during the computer edit of the private school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T5161	252	4.20	T9017	0	0.00
T5166	72	1.20	T9018	0	0.00
T5171	74	1.23	T9019	0	0.00
T5176	41	0.68	T9020	0	0.00
T5181	20	0.33	T9021	0	0.00
T5187	14	0.23	T9022	0	0.00
T5192	11	0.18	T9023	0	0.00
T5197	5	0.08	T9024	0	0.00
T5202	4	0.07	T9025	0	0.00
T5207	3	0.05	T9026	0	0.00
T5230	0	0.00	T9027	0	0.00
T5252	0	0.00	T9028	0	0.00
T5406	113	1.88	T9029	0	0.00
T5411	49	0.82	T9030	0	0.00
T5416	35	0.58	T9031	0	0.00
T5421	21	0.35	T9032	0	0.00
T5426	17	0.28	T9033	0	0.00
T9001	0	0.00	T9034	0	0.00
T9002	0	0.00	T9035	0	0.00
T9003	0	0.00	T9036	0	0.00
T9004	0	0.00	T9037	0	0.00
T9005	0	0.00	T9038	0	0.00
T9006	0	0.00	T9039	0	0.00
T9010	0	0.00	T9040	0	0.00
T9011	0	0.00	T9041	0	0.00
T9012	0	0.00	T9042	0	0.00
T9013	0	0.00	T9043	0	0.00
T9014	0	0.00	T9044	0	0.00
T9015	0	0.00			
T9016	0	0.00			

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Teacher Documentation Data File," 2007–08.

Table P-10. Number of changes and percentage of records affected during the computer edit of the BIE school teacher data file: 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0025	1	0.18	T0069	92	16.55
T0026	114	20.50	T0070	0	0.00
T0027	0	0.00	T0071	0	0.00
T0028	9	1.62	T0072	3	0.54
T0029	11	1.98	T0073	14	2.52
T0030	5	0.90	T0074	3	0.54
T0031	63	11.33	T0075	2	0.36
T0034	64	11.51	T0076	3	0.54
T0035	0	0.00	T0077	31	5.58
T0036	5	0.90	T0078	17	3.06
T0037	0	0.00	T0079	1	0.18
T0038	125	22.48	T0080	0	0.00
T0039	96	17.27	T0081	18	3.24
T0040	5	0.90	T0082	1	0.18
T0041	176	31.65	T0083	0	0.00
T0042	161	28.96	T0084	16	2.88
T0050	1	0.18	T0085	1	0.18
T0051	1	0.18	T0086	0	0.00
T0052	1	0.18	T0087	16	2.88
T0053	1	0.18	T0088	0	0.00
T0054	1	0.18	T0089	0	0.00
T0055	0	0.00	T0090	15	2.70
T0056	1	0.18	T0091	1	0.18
T0057	1	0.18	T0092	0	0.00
T0058	2	0.36	T0093	12	2.16
T0059	3	0.54	T0094	1	0.18
T0060	0	0.00	T0095	0	0.00
T0061	1	0.18	T0096	6	1.08
T0062	1	0.18	T0097	0	0.00
T0063	1	0.18	T0098	0	0.00
T0064	19	3.42	T0099	0	0.00
T0065	34	6.12	T0100	0	0.00
T0066	28	5.04	T0101	0	0.00
T0067	143	25.72	T0102	1	0.18
T0068	7	1.26	T0103	0	0.00

See notes at end of table.

Table P-10. Number of changes and percentage of records affected during the computer edit of the BIE school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0104	0	0.00	T0144	0	0.00
T0105	2	0.36	T0145	0	0.00
T0106	0	0.00	T0146	0	0.00
T0107	0	0.00	T0147	0	0.00
T0110	4	0.72	T0148	0	0.00
T0111	1	0.18	T0149	0	0.00
T0112	1	0.18	T0150	7	1.26
T0113	10	1.80	T0151	0	0.00
T0114	15	2.70	T0152	0	0.00
T0115	3	0.54	T0153	0	0.00
T0119	0	0.00	T0154	5	0.90
T0120	4	0.72	T0155	0	0.00
T0121	3	0.54	T0160	0	0.00
T0122	3	0.54	T0161	7	1.26
T0123	12	2.16	T0162	10	1.80
T0124	63	11.33	T0163	0	0.00
T0125	0	0.00	T0164	1	0.18
T0126	0	0.00	T0165	21	3.78
T0127	14	2.52	T0166	6	1.08
T0128	1	0.18	T0167	0	0.00
T0129	21	3.78	T0168	1	0.18
T0130	19	3.42	T0169	0	0.00
T0131	19	3.42	T0170	15	2.70
T0132	5	0.90	T0171	14	2.52
T0133	5	0.90	T0172	2	0.36
T0134	5	0.90	T0173	2	0.36
T0135	1	0.18	T0174	0	0.00
T0136	0	0.00	T0175	9	1.62
T0137	0	0.00	T0176	4	0.72
T0138	0	0.00	T0177	1	0.18
T0139	0	0.00	T0178	1	0.18
T0140	0	0.00	T0179	0	0.00
T0141	1	0.18	T0180	2	0.36
T0142	0	0.00	T0181	0	0.00
T0143	0	0.00	T0182	1	0.18

See notes at end of table.

Table P-10. Number of changes and percentage of records affected during the computer edit of the BIE school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0183	0	0.00	T0218	0	0.00
T0184	0	0.00	T0219	0	0.00
T0185	29	5.22	T0220	0	0.00
T0186	0	0.00	T0221	0	0.00
T0187	1	0.18	T0222	0	0.00
T0188	0	0.00	T0223	0	0.00
T0189	0	0.00	T0224	0	0.00
T0190	0	0.00	T0225	0	0.00
T0191	2	0.36	T0226	0	0.00
T0192	2	0.36	T0231	0	0.00
T0193	0	0.00	T0232	0	0.00
T0194	0	0.00	T0233	3	0.54
T0195	0	0.00	T0234	7	1.26
T0196	0	0.00	T0235	0	0.00
T0197	0	0.00	T0236	0	0.00
T0198	0	0.00	T0237	8	1.44
T0199	0	0.00	T0238	0	0.00
T0200	0	0.00	T0239	0	0.00
T0201	0	0.00	T0240	4	0.72
T0202	0	0.00	T0241	0	0.00
T0203	0	0.00	T0242	0	0.00
T0204	0	0.00	T0243	6	1.08
T0205	0	0.00	T0244	0	0.00
T0206	0	0.00	T0245	0	0.00
T0207	0	0.00	T0246	4	0.72
T0208	0	0.00	T0247	0	0.00
T0209	0	0.00	T0248	0	0.00
T0210	0	0.00	T0249	9	1.62
T0211	0	0.00	T0250	0	0.00
T0212	0	0.00	T0251	0	0.00
T0213	42	7.55	T0252	1	0.18
T0214	0	0.00	T0260	39	7.01
T0215	0	0.00	T0261	28	5.04
T0216	0	0.00	T0262	33	5.94
T0217	0	0.00	T0263	0	0.00

See notes at end of table.

Table P-10. Number of changes and percentage of records affected during the computer edit of the BIE school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0264	0	0.00	T0304	0	0.00
T0265	0	0.00	T0305	0	0.00
T0266	0	0.00	T0306	0	0.00
T0267	0	0.00	T0307	0	0.00
T0268	0	0.00	T0308	0	0.00
T0269	0	0.00	T0309	0	0.00
T0270	0	0.00	T0310	0	0.00
T0271	0	0.00	T0311	0	0.00
T0272	0	0.00	T0312	0	0.00
T0273	0	0.00	T0313	0	0.00
T0274	0	0.00	T0314	0	0.00
T0280	0	0.00	T0315	0	0.00
T0281	0	0.00	T0316	0	0.00
T0282	0	0.00	T0317	0	0.00
T0283	0	0.00	T0318	0	0.00
T0284	0	0.00	T0319	0	0.00
T0285	0	0.00	T0320	0	0.00
T0286	0	0.00	T0321	0	0.00
T0287	0	0.00	T0322	0	0.00
T0288	0	0.00	T0323	0	0.00
T0289	0	0.00	T0324	34	6.12
T0290	0	0.00	T0325	0	0.00
T0291	0	0.00	T0326	0	0.00
T0292	0	0.00	T0327	49	8.81
T0293	0	0.00	T0335	7	1.26
T0294	0	0.00	T0336	0	0.00
T0295	0	0.00	T0337	0	0.00
T0296	0	0.00	T0338	4	0.72
T0297	0	0.00	T0339	0	0.00
T0298	0	0.00	T0340	0	0.00
T0299	0	0.00	T0341	3	0.54
T0300	0	0.00	T0342	0	0.00
T0301	0	0.00	T0343	6	1.08
T0302	0	0.00	T0344	3	0.54
T0303	0	0.00	T0345	0	0.00

See notes at end of table.

Table P-10. Number of changes and percentage of records affected during the computer edit of the BIE school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T0346	2	0.36	T5115	11	1.98
T0347	0	0.00	T5116	0	0.00
T0348	3	0.54	T5117	0	0.00
T0349	0	0.00	T5118	0	0.00
T0350	0	0.00	T5123	12	2.16
T0351	0	0.00	T5125	0	0.00
T0352	1	0.18	T5127	5	0.90
T0353	0	0.00	T5129	20	3.60
T0354	0	0.00	T5132	5	0.90
T0355	0	0.00	T5135	0	0.00
T0356	0	0.00	T5138	0	0.00
T0357	0	0.00	T5141	0	0.00
T0358	21	3.78	T5161	42	7.55
T0359	0	0.00	T5166	24	4.32
T0360	0	0.00	T5171	23	4.14
T0361	0	0.00	T5176	10	1.80
T0362	0	0.00	T5181	3	0.54
T0363	0	0.00	T5187	4	0.72
T0364	0	0.00	T5192	1	0.18
T5030	0	0.00	T5197	0	0.00
T5032	0	0.00	T5202	0	0.00
T5033	0	0.00	T5207	0	0.00
T5035	0	0.00	T5230	0	0.00
T5067	61	10.97	T5252	0	0.00
T5078	1	0.18	T9001	0	0.00
T5081	1	0.18	T9002	0	0.00
T5084	1	0.18	T9003	0	0.00
T5087	2	0.36	T9004	0	0.00
T5090	1	0.18	T9005	0	0.00
T5093	1	0.18	T9006	0	0.00
T5096	1	0.18	T9010	0	0.00
T5099	2	0.36	T9011	0	0.00
T5102	1	0.18	T9012	0	0.00
T5105	1	0.18	T9013	0	0.00
T5113	29	5.22	T9014	0	0.00

See notes at end of table.

Table P-10. Number of changes and percentage of records affected during the computer edit of the BIE school teacher data file: 2007–08—Continued

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
T9015	0	0.00	T9030	0	0.00
T9016	0	0.00	T9031	0	0.00
T9017	0	0.00	T9032	0	0.00
T9018	0	0.00	T9033	0	0.00
T9019	0	0.00	T9034	0	0.00
T9020	0	0.00	T9035	0	0.00
T9021	0	0.00	T9036	0	0.00
T9022	0	0.00	T9037	0	0.00
T9023	0	0.00	T9038	0	0.00
T9024	0	0.00	T9039	0	0.00
T9025	0	0.00	T9040	0	0.00
T9026	0	0.00	T9041	0	0.00
T9027	0	0.00	T9042	0	0.00
T9028	0	0.00	T9043	0	0.00
T9029	0	0.00	T9044	0	0.00

NOTE: BIE refers to the Bureau of Indian Education.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "BIE School Teacher Documentation Data Files," 2007–08.

Table P-11. Number of changes and percentage of records affected during the computer edit of the public school library media center data file (including public charter school library media centers): 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
M0025	1,012	13.91	M0068	19	0.26
M0030	5	0.07	M0075	1	0.01
M0031	0	0.00	M0076	12	0.16
M0032	0	0.00	M0077	72	0.99
M0033	0	0.00	M0078	0	0.00
M0034	0	0.00	M0079	0	0.00
M0035	0	0.00	M0080	0	0.00
M0036	0	0.00	M0081	0	0.00
M0037	0	0.00	M0082	0	0.00
M0038	0	0.00	M0083	0	0.00
M0039	633	8.70	M0084	0	0.00
M0040	0	0.00	M0085	0	0.00
M0041	0	0.00	M0086	514	7.06
M0042	0	0.00	M0095	0	0.00
M0043	0	0.00	M0096	0	0.00
M0044	0	0.00	M0097	0	0.00
M0045	0	0.00	M0098	0	0.00
M0050	115	1.58	M0099	0	0.00
M0051	592	8.14	M0105	3	0.04
M0052	2,958	40.65	M0106	62	0.85
M0053	32	0.44	M0107	71	0.98
M0054	154	2.12	M0108	12	0.16
M0055	302	4.15	M0109	32	0.44
M0056	528	7.26	M0110	272	3.74
M0057	72	0.99	M0111	201	2.76
M0058	278	3.82	M0112	396	5.44
M0059	1,035	14.22	M0113	0	0.00
M0060	1,653	22.72			
M0061	26	0.36			
M0062	453	6.23			
M0063	185	2.54			
M0064	210	2.89			
M0065	606	8.33			
M0066	0	0.00			
M0067	0	0.00			

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Library Media Center Documentation Data Files," 2007–08.

Table P-12. Number of changes and percentage of records affected during the computer edit of the BIE school library media center data file: 2007–08

Variable	Total number of changes	Percent of records affected	Variable	Total number of changes	Percent of records affected
M0025	31	25.20	M0068	1	0.81
M0030	0	0.00	M0075	0	0.00
M0031	0	0.00	M0076	1	0.81
M0032	0	0.00	M0077	5	4.07
M0033	0	0.00	M0078	0	0.00
M0034	0	0.00	M0079	0	0.00
M0035	0	0.00	M0080	0	0.00
M0036	0	0.00	M0081	0	0.00
M0037	0	0.00	M0082	0	0.00
M0038	0	0.00	M0083	0	0.00
M0039	14	11.38	M0084	0	0.00
M0040	0	0.00	M0085	0	0.00
M0041	0	0.00	M0086	8	6.50
M0042	0	0.00	M0095	0	0.00
M0043	0	0.00	M0096	0	0.00
M0044	0	0.00	M0097	0	0.00
M0045	0	0.00	M0098	0	0.00
M0050	2	1.63	M0099	0	0.00
M0051	2	1.63	M0105	0	0.00
M0052	32	26.02	M0106	0	0.00
M0053	0	0.00	M0107	3	2.44
M0054	1	0.81	M0108	1	0.81
M0055	2	1.63	M0109	0	0.00
M0056	25	20.33	M0110	7	5.69
M0057	1	0.81	M0111	3	2.44
M0058	4	3.25	M0112	11	8.94
M0059	11	8.94	M0113	0	0.00
M0060	17	13.82			
M0061	1	0.81			
M0062	24	19.51			
M0063	11	8.94			
M0064	11	8.94			
M0065	10	8.13			
M0066	0	0.00			
M0067	0	0.00			

NOTE: BIE refers to the Bureau of Indian Education.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “BIE School Library Media Center Documentation Data File,” 2007–08.

Appendix Q. Quality Assurance for Data Capture and Mailout Operations

The contents of this appendix are shown below.

Data Capture and Imaging	Q-2
General Information on Quality Assurance Procedures	Q-4
General	Q-4
Definitions	Q-4
Verification	Q-6
Quality Assurance Adjudication	Q-7
Keyer Control	Q-7
Batch Control	Q-8
Verifier Requirements	Q-8
Feedback and Continuous Improvement	Q-8
Rejected Batches	Q-9
Quality Assurance Responsibilities	Q-9
Error Codes (Fields Only)	Q-10
Verification of Data Keying	Q-11
Mailout Operations Quality Assurance Summary	Q-13
Attachment Q-1. Error Codes for Data Capture	Q-27

This appendix details the 2007–08 Schools and Staffing Survey (SASS) quality assurance (QA) for the data capture operations. “Data capture” is the method by which the SASS data are captured and converted from paper to electronic format. The data capture operations were facilitated by the Integrated Computer Assisted Data Entry (iCADE) system. An overview of the data keying operations is provided in chapter 7. The “mailout operations” include all procedures necessary for preparing SASS packages for distribution to respondents, including printing of all forms (such as letters, questionnaires, reminder postcards, etc.) and assembly of packages for sampled schools.

The first section of this appendix describes the data capture operation procedures used by keying staff. The second section describes the detailed procedures used for quality assurance and verification of the SASS questionnaire data capture. The third section provides results of the verification of the SASS questionnaire data capture. The fourth and final section describes the detailed procedures for quality assurance of the mailout operations and provides the results.

Data Capture and Imaging

The 2007–08 SASS data were captured (converted from paper to electronic format) using a combination of manual data keying and imaging technology, both of which were facilitated by the Integrated Computer Assisted Data Entry (iCADE) system. Prior to data capture, keying programs were developed for each SASS questionnaire. Images of these forms were captured during data entry, and these image files were used during the analyst data review steps of data processing to view the actual questionnaires on-line.

When the SASS questionnaires were received and checked-in by the Census Bureau clerical processing staff, they were entered into the iCADE system for control purposes and grouped into batches by questionnaire type for data capture and imaging. The batches of questionnaires were disassembled using a guillotine, and each duplex page was scanned. At the conclusion of the scanning process, the iCADE control system matched the number of imaged pages with the number of pages expected for each questionnaire type. If there was a discrepancy between the images scanned and the number of pages expected, a series of screens was presented to clerical staff, enabling a clerk or supervisor to either accept the batch as it was or to pull it from processing until the issue was resolved.

The batches that were accepted after the scanning process go to the next stages of data capture: auto registration, Optical Mark Recognition (OMR), and manual registration. During auto registration, all of the scanned images were read into the server by their barcodes, which then identified each page in the batch. Once the pages were identified, the OMR server could then read and recognize the presence of answer marks in the boxes next to precoded, categorical items. The OMR server was programmed with the locations of the answer boxes for precoded items prior to data capture. The program automatically entered the appropriate data into the OMR script file for that questionnaire.

During auto registration and OMR, a number of things could have potentially gone wrong. For example, if the system was unable to read a barcode, then it was not able to identify the questionnaire ID. If the system was unable to recognize a page corner point, it did not know which questionnaire page it was on and thus OMR was not able to occur. Finally, occasionally there were checkbox ambiguities due to marks outside of a checkbox, scratch outs, or random marks on a page. If any of these three scenarios occurred, the batch automatically went through the manual registration phase of data capture, during which a series of screens was presented to clerical staff, enabling a clerk or supervisor to resolve the issue by manual repair. If there were no problems during the auto registration and OMR, this manual registration step was skipped altogether.

The next stage of data capture was a data quality check of the OMR responses, referred to as the Optical Mark Analysis (OMA) Sample Verification. During this check, a percentage of blank OMR fields and nonblank OMR fields were sampled so that clerks could verify the output from OMR. A random number was generated at the starting point for both blank and nonblank fields within a batch. Then, the system began at a randomly generated number and took every Xth field for the blank fields. A similar procedure was used for the nonblank fields, and all sampled fields were added to an OMA data file. This OMA data file was then sent to a verification clerk who verified the validity of the OMA output. The verification clerk was presented with an image of the sample fields and was instructed to enter the response (if any) that he or she found in each field.

The system computed error rates for both the blank and nonblank fields. An error occurred when the clerk's field verification differed from the OMR recognition. When differences were found, the batch sample was forwarded to a second clerk, an Adjudicator, who was then required to provide an interpretation of the marks with differences. When the Adjudicator had made a decision and the data had been adjusted if necessary, the batch was marked as finished and was then checked for batch completeness.

Once all of the OMR data were captured correctly and verified as necessary, all write-in fields (e.g., open-ended, numeric, and character fields) were captured by a process called Key from Image (KFI). Keyers were presented with fields to key based on whether the server detected a "Presence" in an answer field. Prior to data capture, the server was programmed where to look for the presence of answer marks for items that were not precoded. The keyer either keyed the data present in the field or indicated that the field was blank.

The next stage of data capture was a data quality check of the KFI responses, referred to as Analyze KFI. During this check, a percentage of nonblank KFI fields were sampled so that clerks could verify the output. A random number was generated at the starting point for nonblank fields within a batch. Then, the system began at the randomly generated number and took every Xth field for the nonblank fields and all sampled fields were added to a KFI data file. This KFI data file was then sent to a verification clerk who would verify the validity of the KFI output. The verification clerk was presented with an image of the sample fields and was instructed to enter the response, if any, that he or she found in each field. This clerk was not provided with the data entered by the original keyer.

The system compared the KFI entry from the first entry and the verification entry. The fields with differences were flagged in the KFI script file. In addition, the system computed error rates for the nonblank fields. An error occurred when the clerk's field verification differed from the original KFI entry. Errors were classified into a number of categories, based upon the keying error situation.

For these cases where there was a difference, the batch KFI script file was forwarded to a third clerk, an Adjudicator, who was required to provide an interpretation of the marks with differences. The Adjudicator could (1) agree with the keyer, (2) agree with the verifier, or (3) provide his or her own interpretation of the respondent's answer. The Adjudicator then classified the error into a number of categories based on the keying error situation; this classification served as the final classification. Once the Adjudicator had made a decision and the data had been adjusted if necessary, the batch was marked as finished and released to the sponsor.

General Information on Quality Assurance Procedures

General

1. This QA plan provides a method of assuring the quality of the integrated Computer Assisted Data Entry (iCADE) Key From Image (KFI) Data Capture Operations for the 2007–08 Schools and Staffing Survey (SASS).
2. The data from SASS forms will be captured utilizing the iCADE Data Capture System to perform Optical Mark Recognition (OMR) and Key From Image (KFI) processes.
3. For the KFI and Optical Mark Analysis (OMA) components of data capture, an independent verification will be employed. Verification will employ the same edits and capture rules as the production environment. The sponsor may elect to suspend or institute verification of any component at any time in consultation with QAB/DSD.
4. Upon verification for each component of the batch, the original datasets and the verification datasets will be matched. Any discrepancies will be identified, classified, and subsequently adjudicated by the Quality Assurance Data Analysis Unit (QADAU) staff.
5. Once adjudication is complete, accepted batches will be released for subsequent transmission. Rejected batches will undergo remainder verification for the fields not previously sample verified for the part(s) of the component(s) that failed, matched against the original dataset, classified, adjudicated, and released.
6. Any fields designated as “must verify” will be verified 100 percent and excluded from any sample counts and batch decisions.
7. Keyers will have completed keyboarding and procedural training prior to commencing production keying.
8. Batch statistics will be maintained by the system and utilized by the quality assurance (QA) staff to generate summary reports. Reports will be provided to the sponsor and data capture management, regarding project quality and for feedback to data capture keyers.
9. Reference Documents
 - a. Keying procedures will be provided for the operation.
 - b. Codes for error classification for OMA and KFI are provided in the attachment of this QA plan.

Definitions

1. A **batch** consists of (X) number of forms with a cover sheet for scanning and data capture purposes. The size of the batch is the number of forms in the batch. The batch sizes for SASS are as follows:

SASS 1A, 1A(T), 2A, 2A(T), 2B, 2B(T), 3A and 3A(T) consist of (30) Forms.
SASS 3B, 3B(T), 3Y, 3Y(T), 4A, 4A(T), 4B and 4B(T) consist of (20) Forms.
LS-1A and 1A(T) consist of (50) Forms.

2. **Census Batch Number** is a unique number created during the batching process.
3. **Optical Mark Analysis** is the clerical review of the combined processes of Optical Mark Recognition by the OMR software and the ambiguous marks. A mark is considered ambiguous when the system cannot determine if the mark is a valid response. OMA does not occur until after Manual Registration/Ambiguities have been addressed.
4. **Key From Image (KFI)** is the process where a data entry operator enters the data using the document's scanned images.
5. A **component** is one of two processes that make up the data capture application (i.e., the Optical Mark Analysis and the Key From Image). Each of these components contains two parts (i.e., Blank Fields and Nonblanks Fields).
6. A **field** is the smallest denomination of keyed data, as defined in the keying procedures.
7. A **blank field** is a field where no data were detected during the automated presence detection phase of processing. Conversely, a **nonblank field** is a field where data were detected during the automated presence detection phase of processing.
8. An **eligible sampling unit** is a field that is eligible to be selected for verification.
9. **Excluded fields** are fields that are captured but not eligible for verification.
10. **Must verify fields** are fields that are presented for verification due to being predesignated fields or fields with warning flags. These are not part of the four universes of fields eligible for sampling.
11. The **verifier** is the operator who captures the data for the match to the original data to subsequently determine the quality of the batch.
12. A **discrepancy** occurs when the verifier's entry for any field differs from its corresponding field in the original data capture process.
13. A field is considered to be **defective** if it contains one or more errors. This is synonymous with **field in error**.
14. An **error** is defined within the data capture operation as any incorrectly captured data field. A field is in error if it contains one of the following types of errors:
 - a. OMA—instance where the OMA process was unable to correctly interpret the mark-sense field.
 - b. Key From Image (KFI)—instances where the KFI operator erroneously captured or failed to capture the data.
 - c. Presence Detection—instances where the system failed to detect presence of data.
15. An **error** assigned during the classification or adjudication operation may be classified as any of the actions listed in the attachment of this QA plan.
 - a. Charged errors—keying errors that are determined to be the fault of the keyer and will be used to determine the keyer's error rate.

- b. **Noncharged errors**—errors that are not charged against the keyer.
 - c. Some discrepancies are considered “**noncountable.**” These are classified as verifier errors (VE) and verifier adjustments (VA). They do not affect the keyer or batch status and are not counted against either the keyer or the batch.
16. **Classification** refers to the initial process of comparing the discrepancies to the image source document to determine which entry is correct and assigning the proper error code.
17. **Adjudication** refers to the review process of comparing the discrepancies to the image source document to determine which entry is correct and validating or assigning the proper error code.
18. **Remainder verification** is the term used for performing one hundred percent verification of the nonsampled fields for the part(s) of the component(s) in rejected batches.

Verification

1. For each component of data capture, independent verification will be performed. Eligible fields on the images will be presented for verification.
2. For batches eligible for sample verification, a sample will be drawn from the universes of each component for nonblank and blank fields as follows:
 - a. **OMA nonblank fields**—a 5 percent (1 in 20) systematic sample utilizing a random start is drawn.
 - b. **OMA blank fields**—a 1 percent (1 in 100) systematic sample utilizing a random start is drawn from the universe of fields where the system did not detect presence of OMR data.
 - c. **KFI nonblank fields**—100 percent (1 in 1) is drawn from the universe of fields where the system did detect presence of data.
 - d. **KFI blank fields**—a 1 percent (1 in 100) systematic sample utilizing a random start is drawn from the universe of fields where the system did not detect presence of KFI data.

NOTE: The sponsor may elect to perform verification on blank fields and then suspend verification.

3. **Excluded fields**—will be indicated in the data capture procedure.
4. **Must verify fields**—will be indicated in the data capture procedure. Additionally, there may be fields with warning flags that are categorized as must verify fields.
5. Perform the verification in the following manner:
 - a. Independently capture all fields presented by the system using the document image.
 - b. Use the same capture rules as the production environment.
6. If during OMA or KFI an image is determined to be illegible due to scanning problems, notify the supervisor so that the appropriate disposition may be determined.

Quality Assurance Adjudication

1. Upon completion of each of the OMA and KFI verification, the original datasets and the verification datasets for each batch will be matched by the data capture system. Any discrepancies will be identified, classified and subsequently adjudicated by the QADAU staff.
2. If any fields within the batch do not match, the classifier and/or QA adjudicator will determine if the production-captured data is in error. Error codes assigned will determine the data field to be retained in the final dataset. If both fields are determined to be in error during the KFI component (error code 11), that field will be presented for the classifier or adjudicator to correct.
3. Once adjudication is complete, accepted batches will be released for subsequent transmission. Rejected batches will undergo one hundred percent remainder verification for the part(s) of the component(s) that failed, then matched against the original dataset, classified, adjudicated and released.
4. All errors detected in the verification and adjudication processes will be corrected.
5. Use of the “VA” and “VE” error codes is approved for the following:
 - a. Keyers will be instructed to disregard keying the respondent leading zeros to minimize differences but will not be charged for keying the leading zeros. (Exceptions: Fields where dates and times are entered as specified in the keying procedures on page 33, section F.3.)
 - b. Omission of spaces between the letters in place of a period, as per keying procedures on page 30, section E.2. This includes illegible spacing.
 - c. If the only difference between the keyed and verified data is upper/lower case lettering (Example: J c Penney vs. J C Penney).
 - d. If the keyer has corrected the spelling of a name that is illegible and the correct name spelling can be found anywhere else on the form.
 - e. Responses that are “hard to read.” If the keyer leaves a “keyer note” indicating that they had difficulty reading the entry, an error will not be charged to the keyer of the batch.

Keyer Control

1. There is no keyer qualification process involved. Keyers will be set as qualified at the start of the survey keying. Decisions to retain keyers will be based on original keying (K Times = 1) only. Remainder verification on OMA blank and nonblank fields and KFI blank fields does not affect keyer status.
 - a. Calculate a keyer error rate for each batch:

$$\frac{\text{Chargeable KFI nonblank fields in error}}{\text{KFI nonblank fields verified}} \times 100$$
 - b. QA will monitor and report keyer error rate on KFI nonblank keying if the keyer field error rate is **greater than 1.0 percent** on a consistent basis. The decision to retrain the keyer will be determined by the DCB supervisor, QA and sponsor review of the overall keyer error rate report for the survey.
 - c. No batch decisions are made in this stage. Keyers in the qualified stage will receive **keyer decisions** on the **KFI nonblank**.

2. **Restricted Keyers (Keyer Status = R)**

- a. Keyers will be removed based on an administrative decision.
- b. Restricted keyers are not eligible to perform verification.

Batch Control

1. Batch decisions for sample verified batches are made based on the criteria for each phase as follows:
 - a. OMA nonblank fields—accept ≤ 1.0 percent
 - b. OMA blank fields—accept ≤ 1.0 percent
 - c. KFI blank fields—accept ≤ 1.0 percent
 - d. KFI nonblank fields are verified at 100 percent
2. All rejected sample batches will be 100 percent remainder verified for the part(s) of the component(s) that failed, then matched against the original dataset, classified, adjudicated and released.
3. No batch decisions will be made for remainder verification batches verified 100 percent.
4. QA will institute a form of process control for OMA nonblank fields. If the percent of OMA nonblank fields sent to ambiguity repair is greater than the established control limit for three consecutive batches, QA will initiate an investigation with all concerned parties to determine the cause and the appropriate action to be taken.
5. QA will institute a form of process control for KFI and OMA blank fields. If the percent of KFI and OMA blank fields is greater than the established control limit for three consecutive batches, QA will initiate an investigation with all concerned parties to determine the cause and the appropriate action to be taken.

Verifier Requirements

1. Verifiers must be qualified for the stage in which the batch was keyed.
 - a. Keyers in the qualified stage may verify qualified and restricted keyers' batches.
 - b. Restricted keyers will not be allowed to verify.
2. The system will check the keyer status of each verifier before allowing the verifier to verify a batch.
3. If the verifier's status indicates that the verifier is not eligible to verify a particular batch, the verifier will receive an error message and will not be allowed to verify that batch.

Feedback and Continuous Improvement

Discrepancy listings will be provided for all batches. Keyers should be given feedback of all errors and all cases in which they have shown improvement. Particular attention should be given to keyers whose batches have keyer rejection decisions.

Information or decisions for handling procedural changes or any corrective actions resulting from the quality assurance processes should be shared with all concerned parties.

Rejected Batches

1. All rejected batches will be set by the system to be 100 percent remainder verified for the part(s) of the component(s) that failed, then matched against the original dataset, classified, adjudicated and released.
2. Remainder verification of rejected batches should occur as soon as possible. Remainder verification is considered part of the feedback process on system, OMA clerk and keyer performance.
3. Remainder verification requires the verifier to independently capture all eligible fields not corrected in the original sample for the part(s) of the component(s) that failed.

Quality Assurance Responsibilities

1. The Quality Assurance Data Analysis Unit (QADAU) will perform adjudication on all batches processed through the iCADE operations.
2. The iCADE system will generate a discrepancy listing for each batch for feedback to the KFI operators.
3. The QA staff will audit all discrepancy listings for completeness and accuracy.
4. Batch statistics will be maintained by the system and utilized to generate summary reports. The QADAU will provide weekly summary reports of the results of the QA process.

Error Codes (Fields Only)

Exhibit Q-1 provides a list of error codes and definitions for the 2007–08 SASS data keying operations.

Exhibit Q-1. Error codes and definitions for key from image (KFI) data keying verification

Error code and definition	Description
1 Other—chargeable (explain in remarks)	Error not classifiable under any other error code and keyer charged. An explanation of these codes must be recorded and initialed by the supervisor.
2 Data omission	Keyer failed to key one or more fields.
3 Data duplication	Keyer keyed the data for one or more fields at least twice.
4 Auto/manual duplication error	Keyer entered incorrect data in the original field, which was then duplicated onto successive documents. This error code may be used only when the job has been programmed for the system to automatically duplicate field(s) onto successive documents.
5 ¹ Respondent error—data outside recognition zone	Respondent placed data outside the recognition zone to be captured (in the margin, opposite side of page, in leader lines, outside the check box, etc.).
6 ¹ Recognition misread	System misread the data due to any of the following: check boxes designed too close to each other and/or the preprinted text, data is too close to the borders of the text box zone, picking up ink marks from previous page, wrinkles from fold of questionnaire, stray marks, paper flaws, characters too tall or too wide or too light within the pixel range, characters touching and on borders of the text box zone.
7 ¹ Recognition omission	System omitted data due to: entries not within established parameters (pixels, density, line definition, etc.), entries that are too large (all characters touch on the box edges, etc.)
8 Finger error	Keyer simply hit the wrong key while keying data.
9 Procedure error	Keyer failed to follow the keying instructions correctly.
10 ¹ Both capture and verifier data incorrect (nonchargeable)	Both Captured and Verifier Data did not match the respondent’s entry, which contains indeterminable characters; subsequently will undergo review and correction.
11 Both capture and verifier data incorrect (chargeable)	Both Captured and Verifier Data did not match the respondent’s entry and subsequently will undergo review and correction.
12 ¹ Code error (hard to read)	Data to be keyed are illegible, entered in the wrong place on the document, or otherwise difficult to key due to coding.
13 ¹ Machine error—keyer not at fault (supervisor initials)	Data entry equipment created error(s) due to keyboard problems, power surges, or other problems.
14 ¹ Supervisor error—(supervisor initials)	Supervisor gave the keyer incorrect instructions.
15 ¹ Other—nonchargeable (explain in remarks)	Error not classifiable under any other error code and keyer not charged. An explanation of these codes must be recorded and initialed by the supervisor.
16 ¹ Procedure modification/clarification	Procedure was revised (Modification) or additional instructions were provided to clarify the procedure (Clarification).
VA ² Verifier adjustment	Used for the coding of entries on the discrepancy screen/listing that need adjusting due to an error that is not chargeable to the keyer or the batch.
VE ² Verifier error	Indicates to the program that the verifier entry is incorrect and to accept the keyer’s entry for that discrepancy.

¹ Nonchargeable errors.

² Do not charge as errors—chargeable or nonchargeable.

SOURCE: *Quality Assurance (QA) Plan for the ICADE Data Capture Operation, 2008*, U.S. Census Bureau, 2008.

Verification of Data Keying

This section details the results of the verification of the data keying. Exhibit Q-2 provides a summary of the results, and exhibit Q-3 provides the distribution of error types for the key from image (KFI) data capture used for all SASS questionnaires.

In exhibit Q-2 below, the accept and reject criteria are based on sampling a portion of the KFI entries for a batch and determining if the sample error rate is less than or exceeds the sample rate error parameters. Instead of entries being sampled for SASS, all KFI data entries were verified. The blank fields column refers to a data quality check of blank KFI fields, where a percentage of blank KFI fields are sampled so that clerks could verify the output. The process of the blank KFI field data quality check is identical to that described earlier for the nonblank KFI fields. Verification of blank KFI fields was not a requirement for the SASS data capture process.

Exhibit Q-2. Summary of key from image (KFI) data keying verification: 2007–08

Description	Nonblank fields (total)	Blank fields	Must verify fields
Unit count	4,212	†	†
Accept	†	†	†
Reject	†	†	†
Records (questionnaires)	79,251	†	†
Page count	2,827,699	†	†
Total fields	5,379,334	†	375,432
Eligible fields (sample selection verification only)	5,089,948	†	
Fields verified ¹	5,359,940	†	375,432
Fields in error ¹	39,964	†	732
Error rate	0.75%	†	0.19%
Charge errors ¹	31,679	†	582
Charge error rate	0.59%	†	0.16%

† Not applicable.

¹ The number of nonblank fields includes the must verify fields.

Exhibit Q-3. Distribution of key from image (KFI) errors, by error type: 2007–08

Code	Description	Nonblank		Blank		Must verify	
		Number of errors	Percent	Number of errors	Percent	Number of errors	Percent
1	Other—chargeable	4	0.01	0	0.00	0	0.00
2	Data omission	2,125	5.42	4	4.35	108	14.75
3	Data duplication	14	0.04	0	0.00	0	0.00
4	Auto/Manual duplication error	15	0.04	0	0.00	0	0.00
5	Respondent error—data outside recognition zone ¹	2	0.01	0	0.00	0	0.00
6	Recognition misread ¹	0	0.00	0	0.00	0	0.00
7	Recognition omission ¹	0	0.00	0	0.00	0	0.00
8	Finger error	19,146	48.80	2	2.17	263	35.93
9	Procedure error	8,978	22.88	80	86.96	208	28.42
10	Both captured and verifier data incorrect (nonchargeable) ¹	32	0.08	1	1.09	0	0.00
11	Both captured and verifier data incorrect (chargeable)	815	2.08	2	2.17	3	0.41
12	Code error ¹	7,244	18.46	3	3.26	148	20.22
13	Machine error ¹	0	0.00	0	0.00	0	0.00
14	Supervisor error ¹	37	0.09	0	0.00	0	0.00
15	Other—nonchargeable (explain in remarks) ¹	718	1.83	0	0.00	2	0.27
16	Procedure modification/clarification ¹	102	0.26	0	0.00	0	0.00
Chargeable errors		31,097	79.26	88	95.65	582	79.51
Nonchargeable errors		8,135	20.74	4	4.35	150	20.49
TOTAL errors		39,232	100.00	92	100.00	732	100.00

¹ Nonchargeable errors.

Mailout Operations Quality Assurance Summary

This section details the quality assurance (QA) plan for the mailout operations for the 2007–08 SASS. All packages that were mailed to respondents and field representatives were mailed from Jeffersonville, Indiana, by the Census Bureau clerical processing staff.

All 2007–08 SASS questionnaires were printed commercially and then were sent through a separate labeling process in Jeffersonville. The exceptions to this were additional copies of the SASS-3Y Public School Questionnaire (with District Items) requested by Census Headquarters staff during data collection, as well as all SASS telephone interview questionnaires, which were produced using the docuprint equipment. Other forms such as letters, postcards, inserts and other custom forms, such as District Contact Sheets, were produced using the docuprint equipment. The docuprint equipment printed labeled letters in one operation. In addition, the docuprint system could be programmed to print information in the letters that was specific to each respondent. All docuprinted materials were inspected for damage and incorrect presentation.

For the additional SASS-3Y and SASS telephone interview questionnaire booklets, the docuprint equipment loaded one 17-inch by 11-inch sheet at a time. Four questionnaire pages (8.5 x 11, front and back) were printed onto this sheet. Once all sheets for a questionnaire booklet were completed, a sample of the work was examined to ensure that no errors occurred. When an error was found, an expanded inspection examined the questionnaires that were produced before and after the detected questionnaire to determine if a systematic error had taken place. Once the quality assurance of the printing was completed, the sheets went through a binding operation using Duplo Booklet Maker equipment. The Booklet Maker read the barcode to determine when the designated number of sheets for a particular questionnaire were loaded into the machine, and then folded and stapled it twice in the spine, and trimmed the right-side vertical edge of the booklet. Booklets were subjected to sample inspections and, when defects were detected, to expanded inspections.

Commercially printed blank questionnaires were loaded into an Ektajet high-speed printer for labeling. Each respondent's specific data were programmed into the machine, and printer heads labeled the front page of each questionnaire as it passed through the machine. Labeled questionnaires were subjected to sample inspections and, when defects were detected, to expanded inspections.

The assembly of packages for schools, training kits for field representatives, and questionnaire packets were all inspected to assure that nothing was damaged, missing, contained undisclosed information, or was incorrectly presented. The results of the mailout QA, including error remarks, for all initial mailout operations can be found in exhibits Q-4 through Q-7.

Exhibit Q-4. Printing (Docuprint) quality assurance, by type of inspection and form: 2007–08

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
Printing total		139,778	4,426	5	0.11	6	0	0.00	†
SASS-10(L)	Principal advance letter	11,704	62	0	0.00	0	0	0.00	06/11/07
SASS-358C	Label	2,955	42	0	0.00	0	0	0.00	08/02/07
SASS-11(L)C	Initial coordinator letter	2,919	30	0	0.00	0	0	0.00	08/02/07
SASS-11(L)P	Initial principal letter	2,921	32	1 ²	3.13	6	0	0.00	08/02/07
SASS-11(L)C	Initial coordinator letter	8,847	185	0	0.00	0	0	0.00	08/13/07
SASS-11(L)P	Initial principal letter	8,749	95	0	0.00	0	0	0.00	08/13/07
SASS-358C	Label	8,817	79	0	0.00	0	0	0.00	08/13/07
SASS-17I(A)	District approval insert	98	3	0	0.00	0	0	0.00	08/13/07
District 11101	Approval letter—initial	104	30	0	0.00	0	0	0.00	08/28/07
District 12106	Approval letter—initial	17	3	0	0.00	0	0	0.00	08/28/07
District 12113	Approval letter—initial	21	3	0	0.00	0	0	0.00	08/28/07
District 12129	Approval letter—initial	65	30	0	0.00	0	0	0.00	08/28/07
District 13145	Approval letter—initial	10	3	0	0.00	0	0	0.00	08/28/07
District 37128	Approval letter—initial	8	3	0	0.00	0	0	0.00	08/28/07
District 39107	Approval letter—initial	5	3	0	0.00	0	0	0.00	08/28/07
District 48271	Approval letter—initial	1	1	0	0.00	0	0	0.00	08/28/07
District 49114	Approval letter—initial	21	3	0	0.00	0	0	0.00	08/28/07
SASS-11(L)C	Initial coordinator letter	1,171	127	0	0.00	0	0	0.00	08/28/07
SASS-11(L)CS	Special coordinator letter	10	3	0	0.00	0	0	0.00	08/28/07
SASS-11(L)P	Initial principal letter	1,171	127	0	0.00	0	0	0.00	08/28/07
SASS-11(L)PS	Special principal letter	10	3	0	0.00	0	0	0.00	08/28/07
SASS-11(L)S	Special district letter	1	1	0	0.00	0	0	0.00	08/28/07
SASS-7(L)	Early school letter special district	187	33	0	0.00	0	0	0.00	08/28/07
SASS-358C	Label	1,194	143	1 ³	0.70	0	0	0.00	08/24/07
SASS-17I(A)	District approval insert	630	99	0	0.00	0	0	0.00	08/21/07
SASS-17I(P)	District pending insert	550	30	0	0.00	0	0	0.00	08/21/07
SASS-9(L)	Initial	4,352	33	0	0.00	0	0	0.00	09/17/07
SASS-17I(D)	Supervisory union insert	88	15	0	0.00	0	0	0.00	09/17/07
SASS-12(L)	1 st follow-up private	2,853	34	0	0.00	0	0	0.00	09/21/07
SASS-12(L)	1 st follow-up public	7,368	65	0	0.00	0	0	0.00	09/27/07

See notes at end of exhibit.

**Exhibit Q-4. Printing (Docuprint) quality assurance, by type of inspection and form: 2007–08—
Continued**

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
SASS-12(L)	1 st follow-up public	1,153	33	0	0.00	0	0	0.00	09/21/07
SASS-19(P)R	Reminder	4,352	30	0	0.00	0	0	0.00	09/24/07
District 11101	Approval letter— 1 st follow-up	99	3	0	0.00	0	0	0.00	09/27/07
District 12106	Approval letter— 1 st follow-up	3	3	0	0.00	0	0	0.00	09/27/07
District 12113	Approval letter— 1 st follow-up	20	3	0	0.00	0	0	0.00	09/27/07
District 37128	Approval letter— 1 st follow-up	8	3	0	0.00	0	0	0.00	09/27/07
District 39107	Approval letter— 1 st follow-up	2	2	0	0.00	0	0	0.00	09/27/07
District 48271	Approval letter— 1 st follow-up	1	1	0	0.00	0	0	0.00	09/27/07
District 49114	Approval letter— 1 st follow-up	19	3	0	0.00	0	0	0.00	09/27/07
SASS-12(L)	1 st follow-up public	166	31	0	0.00	0	0	0.00	09/27/07
SASS-7(L)	Early school letter special district	170	15	0	0.00	0	0	0.00	09/27/07
SASS-17I(A)	District approval insert	165	30	0	0.00	0	0	0.00	09/27/07
SASS-17I(A)	District approval insert	523	45	0	0.00	0	0	0.00	10/12/07
SASS-17I(D)	Supervisory union insert	76	15	0	0.00	0	0	0.00	10/12/07
SASS-17I(P)	District pending insert	105	6	0	0.00	0	0	0.00	10/12/07
District 12129	Approval letter— 1 st follow-up	60	3	0	0.00	0	0	0.00	10/12/07
District 13126	Approval letter— 1 st follow-up	7	3	0	0.00	0	0	0.00	10/12/07
District 13145	Approval letter— 1 st follow-up	18	6	0	0.00	0	0	0.00	10/12/07
District 35103	Approval letter— 1 st follow-up	37	3	0	0.00	0	0	0.00	10/12/07
SASS-12(L)	1 st follow-up public	633	51	0	0.00	0	0	0.00	10/12/07
SASS-17(L2)	1 st follow-up special districts	17	3	0	0.00	0	0	0.00	10/12/07
SASS-7(L)	Early school letter special district	8	3	0	0.00	0	0	0.00	10/12/07
SASS-7(L)S	1 st follow-up special school letter	37	3	0	0.00	0	0	0.00	10/12/07
SASS-8(L)	1 st follow-up district letter	3,831	33	0	0.00	0	0	0.00	10/12/07
District 17134	Initial (hold)	28	3	0	0.00	0	0	0.00	10/09/07

See notes at end of exhibit.

**Exhibit Q-4. Printing (Docuprint) quality assurance, by type of inspection and form: 2007–08—
Continued**

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
District 24117	Initial (hold)	24	3	0	0.00	0	0	0.00	10/09/07
District 36160	Initial (hold)	53	3	0	0.00	0	0	0.00	10/09/07
District 55169	Initial (hold)	14	3	0	0.00	0	0	0.00	10/09/07
SASS-11(L)P2	Private principal letter for delayed 1 st mailing	161	33	0	0.00	0	0	0.00	10/09/07
SASS-13(L)NC	Teacher letter	84	3	0	0.00	0	0	0.00	10/09/07
SASS-17(L2)	1 st follow-up special districts	77	3	0	0.00	0	0	0.00	10/09/07
SASS-7(L)	Early school letter special district	42	3	0	0.00	0	0	0.00	10/09/07
SASS-13(L)C	Initial wave 1, 2, & 3 teachers	751	60	0	0.00	0	0	0.00	10/11/07
SASS-13(L)NC	Initial wave 1, 2, & 3 teachers	378	30	0	0.00	0	0	0.00	10/11/07
SASS-14(L)	Initial wave 1, 2, & 3 coordinators	751	60	0	0.00	0	0	0.00	10/11/07
SASS-358C	Initial wave 1, 2, & 3 teachers	754	63	0	0.00	0	0	0.00	10/15/07
SASS-13(L)C	Initial wave 4 teachers	444	34	0	0.00	0	0	0.00	10/25/07
SASS-13(L)NC	Initial wave 4 teachers	177	33	0	0.00	0	0	0.00	10/25/07
SASS-14(L)	Initial wave 4 coordinators	443	33	0	0.00	0	0	0.00	10/25/07
SASS-358C	Initial wave 4 teachers	444	34	0	0.00	0	0	0.00	11/14/07
SASS-13(L)C	Initial wave 5 teachers	559	62	0	0.00	0	0	0.00	11/01/07
SASS-13(L)NC	Initial wave 5 teachers	64	6	0	0.00	0	0	0.00	11/01/07
SASS-14(L)	Initial wave 5 coordinators	558	61	0	0.00	0	0	0.00	11/01/07
SASS-358C	Initial wave 5 teachers	557	60	0	0.00	0	0	0.00	10/29/07
SASS-13(L)C	Initial wave 6 teachers	1,683	60	0	0.00	0	0	0.00	10/30/07
SASS-13(L)NC	Initial wave 6 teachers	173	18	0	0.00	0	0	0.00	10/30/07
SASS-14(L)	Initial wave 6 coordinators	1,683	60	0	0.00	0	0	0.00	10/30/07
SASS-358C	Initial wave 6 teachers	1,683	60	0	0.00	0	0	0.00	10/30/07
SASS-18P	Reminder	3,879	60	0	0.00	0	0	0.00	10/31/07
SASS-358C	Initial	68	9	0	0.00	0	0	0.00	11/01/07
SASS-11(L)C	Initial	68	9	0	0.00	0	0	0.00	11/02/07
SASS-11(L)P2	Initial	12	3	0	0.00	0	0	0.00	11/02/07
SASS-11(L)P3	Initial	56	6	0	0.00	0	0	0.00	11/02/07
SASS-358C	Initial wave 7 teachers	1,042	60	0	0.00	0	0	0.00	11/02/07
SASS-13(L)C	Initial wave 7 teachers	1,042	60	0	0.00	0	0	0.00	11/02/07

See notes at end of exhibit.

**Exhibit Q-4. Printing (Docuprint) quality assurance, by type of inspection and form: 2007–08—
Continued**

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
SASS-13(L)NC	Initial wave 7 teachers	122	30	0	0.00	0	0	0.00	11/02/07
SASS-14(L)	Initial wave 7 teachers	1,042	60	0	0.00	0	0	0.00	11/02/07
SASS-1A(T)	NRFU	2,257	150	0	0.00	0	0	0.00	11/08/07
SASS-1.1	NRFU	2,257	90	0	0.00	0	0	0.00	11/08/07
SASS-358C	Initial wave 8 teachers	1,647	61	0	0.00	0	0	0.00	11/16/07
SASS-13(L)C	Initial wave 8 teachers	1,647	61	0	0.00	0	0	0.00	11/20/07
SASS-13(L)NC	Initial wave 8 teachers	887	30	0	0.00	0	0	0.00	11/20/07
SASS-14(L)	Initial wave 8 teachers	1,647	61	0	0.00	0	0	0.00	11/20/07
SASS-358C	Initial wave 9 teachers	979	62	0	0.00	0	0	0.00	11/26/07
SASS-13(L)C	Initial wave 9 teachers	978	61	1 ³	1.64	0	0	0.00	11/28/07
SASS-13(L)NC	Initial wave 9 teachers	1,061	45	0	0.00	0	0	0.00	11/28/07
SASS-14(L)	Initial wave 9 teachers	977	60	0	0.00	0	0	0.00	11/28/07
SASS-358C	Initial wave 10 teachers	287	33	0	0.00	0	0	0.00	12/03/07
SASS-13(L)C	Initial wave 10 teachers	287	33	0	0.00	0	0	0.00	12/03/07
SASS-13(L)NC	Initial wave 10 teachers	922	20	0	0.00	0	0	0.00	12/03/07
SASS-14(L)	Initial wave 10 teachers	287	33	0	0.00	0	0	0.00	12/03/07
SASS-358C	Initial wave 11 teachers	339	34	0	0.00	0	0	0.00	12/07/07
SASS-13(L)C	Initial wave 11 teachers	338	33	0	0.00	0	0	0.00	12/05/07
SASS-13(L)NC	Initial wave 11 teachers	1,658	60	0	0.00	0	0	0.00	12/05/07
SASS-14(L)	Initial wave 11 teachers	338	33	0	0.00	0	0	0.00	12/05/07
SASS-358C	Initial wave 12 teachers	245	18	0	0.00	0	0	0.00	12/14/07
SASS-13(L)C	Initial wave 12 teachers	245	18	0	0.00	0	0	0.00	12/14/07
SASS-13(L)NC	Initial wave 12 teachers	1,423	30	0	0.00	0	0	0.00	12/14/07
SASS-14(L)	Initial wave 12 teachers	245	18	0	0.00	0	0	0.00	12/14/07
SASS-358C	Initial wave 13 teachers	359	33	0	0.00	0	0	0.00	12/14/07
SASS-13(L)C	Initial wave 13 teachers	359	33	0	0.00	0	0	0.00	12/14/07
SASS-13(L)NC	Initial wave 13 teachers	2,063	30	0	0.00	0	0	0.00	12/14/07
SASS-14(L)	Initial wave 13 teachers	359	33	0	0.00	0	0	0.00	12/14/07
SASS-358C	Initial wave 14 teachers	111	6	0	0.00	0	0	0.00	12/31/07
SASS-13(L)C	Initial wave 14 teachers	111	6	0	0.00	0	0	0.00	12/31/07
SASS-13(L)NC	Initial wave 14 teachers	627	30	0	0.00	0	0	0.00	12/31/07
SASS-14(L)	Initial wave 14 teachers	111	6	0	0.00	0	0	0.00	12/31/07
SASS-19(P)C	Reminder card	874	30	0	0.00	0	0	0.00	12/31/07
SASS-358C	CATI remails	2,096	132	2 ⁴	1.52	0	0	0.00	01/08/08
SASS-13(L)C	Initial wave 15 teachers	107	6	0	0.00	0	0	0.00	01/08/08

See notes at end of exhibit.

**Exhibit Q-4. Printing (Docuprint) quality assurance, by type of inspection and form: 2007–08—
Continued**

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
SASS-13(L)NC	Initial wave 15 teachers	592	18	0	0.00	0	0	0.00	01/08/08
SASS-14(L)	Initial wave 15 teachers	107	6	0	0.00	0	0	0.00	01/08/08
SASS-358C	Initial wave 15 teachers	107	6	0	0.00	0	0	0.00	01/08/08
SASS-19(P)C	Reminder card	2,541	60	0	0.00	0	0	0.00	01/10/08
SASS-3Y	NRFU	300	15	0	0.00	0	0	0.00	01/11/08
SASS-13(L)C	Initial wave 16 teachers	10	6	0	0.00	0	0	0.00	01/16/08
SASS-13(L)NC	Initial wave 16 teachers	64	3	0	0.00	0	0	0.00	01/16/08
SASS-14(L)	Initial wave 16 teachers	10	6	0	6.00	0	0	0.00	01/16/08
SASS-358C	Initial wave 16 teachers	10	6	0	0.00	0	0	0.00	01/16/08
SASS-13(L)C	Initial wave 17 teachers	27	6	0	0.00	0	0	0.00	01/31/08
SASS-13(L)NC	Initial wave 17 teachers	49	3	0	0.00	0	0	0.00	01/31/08
SASS-14(L)	Initial wave 17 teachers	5	4	0	0.00	0	0	0.00	01/31/08
SASS-358C	Initial wave 17 teachers	5	4	0	0.00	0	0	0.00	01/31/08
SASS-13(L)C	Initial wave 18 teachers	138	33	0	0.00	0	0	0.00	02/27/08
SASS-13(L)NC	Initial wave 18 teachers	7	3	0	0.00	0	0	0.00	02/27/08
SASS-14(L)	Initial wave 18 teachers	24	6	0	0.00	0	0	0.00	02/27/08
SASS-358C	Initial wave 18 teachers	24	6	0	0.00	0	0	0.00	02/14/08
SASS-13(L)C	Initial wave 19 teachers	69	6	0	0.00	0	0	0.00	02/27/08
SASS-13(L)NC	Initial wave 19 teachers	66	3	0	0.00	0	0	0.00	02/27/08
SASS-14(L)	Initial wave 19 teachers	13	5	0	0.00	0	0	0.00	02/27/08
SASS-358C	Initial wave 19 teachers	13	5	0	0.00	0	0	0.00	02/27/08
SASS-13(L)C	Initial wave 20 teachers	14	5	0	0.00	0	0	0.00	03/14/08
SASS-14(L)	Initial wave 20 teachers	14	5	0	0.00	0	0	0.00	03/14/08
SASS-358C	Initial wave 20 teachers	14	5	0	0.00	0	0	0.00	03/14/08
SASS-19(P)R	Reminder card	10,154	76	0	0.00	0	0	0.00	03/14/08

† Not applicable.

¹ SASS refers to the Schools and Staffing Survey. District refers to school district.

² One disclosure.

³ One incomplete/loss of information.

⁴ Two incomplete/loss of information (faded print on the label).

NOTE: NRFU refers to nonresponse follow-up. Detail may not sum to totals because of rounding.

SOURCE: *Quality Assurance for Keying and Mailout Operations*, U.S. Census Bureau, 2009.

Exhibit Q-5. Package assembly quality assurance, by type of inspection and form: 2007–08

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
Package assembly total		76,303	68,502	390	0.57	0	0	0.00	†
SASS-10(L)	Principal advance letter	11,688	11688	0	0.00	0	0	0.00	06/08/07
SASS package	Initial private	2,919	2919	24 ²	0.82	0	0	0.00	08/07/07
SASS-16	Initial public	150	75	1 ³	1.33	0	0	0.00	08/10/07
SASS package	Initial public	8,747	8747	114 ⁴	1.30	0	0	0.00	08/15/07
District 11101	Approval letter package	104	104	0	0.00	0	0	0.00	08/23/07
District 12106	Approval letter package	17	17	0	0.00	0	0	0.00	08/23/07
District 12113	Approval letter package	21	21	0	0.00	0	0	0.00	08/23/07
District 37128	Approval letter package	8	8	0	0.00	0	0	0.00	08/23/07
District 39107	Approval letter package	5	5	0	0.00	0	0	0.00	08/23/07
District 48271	Approval letter package	1	1	0	0.00	0	0	0.00	08/23/07
District 49114	Approval letter package	21	21	0	0.00	0	0	0.00	08/23/07
LS-1A	Initial special handling	177	177	0	0.00	0	0	0.00	08/23/07
SASS-16	Initial special handling	1,003	1003	5 ⁵	0.50	0	0	0.00	08/23/07
SASS-3A	Initial special handling	2	2	0	0.00	0	0	0.00	08/23/07
SASS-7(L)	Initial special handling	10	10	0	0.00	0	0	0.00	08/23/07
SASS-1A	Initial	4,352	4352	5 ⁶	0.11	0	0	0.00	09/19/07
SASS-16	1 st follow-up private	2,852	2852	21 ⁷	0.74	0	0	0.00	09/24/07
SASS-16	1 st follow-up public	7,058	7058	65 ⁸	0.92	0	0	0.00	09/27/07
SASS-3Y	1 st follow-up public	1,153	1153	5 ⁹	0.43	0	0	0.00	09/25/07
SASS-12(L)	1 st follow-up public	226	166	1 ¹⁰	0.60	0	0	0.00	09/28/07
SASS-2A	1 st follow-up public	305	305	3 ¹¹	0.98	0	0	0.00	09/28/07
District 17134	Approval letter package	28	28	0	0.00	0	0	0.00	10/05/07
District 24117	Approval letter package	24	24	0	0.00	0	0	0.00	10/05/07
District 36160	Approval letter package	53	53	0	0.00	0	0	0.00	10/05/07
District 55169	Approval letter package	14	14	0	0.00	0	0	0.00	10/05/07
SASS-11(L)P2	Private principal letter for delayed first mailing	8	8	0	0.00	0	0	0.00	10/05/07
SASS-12(L)	1 st follow-up public	97	97	0	0.00	0	0	0.00	10/16/07
SASS-16	1 st follow-up public	67	67	0	0.00	0	0	0.00	10/16/07
SASS-17I(A)	1 st follow-up public	466	466	1 ¹²	0.21	0	0	0.00	10/16/07
SASS-1A	District follow-up	3,831	3831	4 ¹³	0.10	0	0	0.00	10/16/07
District 17134	Initial special handling	28	28	0	0.00	0	0	0.00	10/05/07
District 24117	Initial special handling	24	24	0	0.00	0	0	0.00	10/05/07
District 36160	Initial special handling	53	53	0	0.00	0	0	0.00	10/05/07
District 55169	Initial special handling	14	14	0	0.00	0	0	0.00	10/05/07
District 12150	1 st follow-up special	8	8	0	0.00	0	0	0.00	10/05/07

See notes at end of exhibit.

**Exhibit Q-5. Package assembly quality assurance, by type of inspection and form: 2007–08—
Continued**

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
District 31159	1 st follow-up special	8	8	0	0.00	0	0	0.00	10/05/07
District 44125	1 st follow-up special	19	19	0	0.00	0	0	0.00	10/05/07
District 53185	1 st follow-up special	8	8	0	0.00	0	0	0.00	10/05/07
SASS-4A	Initial wave 1, 2, & 3	951	951	8 ¹⁴	0.84	0	0	0.00	10/16/07
SASS-4B	Initial wave 1, 2, & 3	259	259	1 ¹⁵	0.39	0	0	0.00	10/16/07
SASS-4A	Initial wave 4	509	509	1 ¹⁶	0.20	0	0	0.00	10/26/07
SASS-4B	Initial wave 4	111	111	1 ¹⁷	0.90	0	0	0.00	10/26/07
SASS-4A	Initial wave 5	500	500	7 ¹⁸	1.40	0	0	0.00	11/01/07
SASS-4B	Initial wave 5	121	121	1 ¹⁹	0.83	0	0	0.00	11/01/07
SASS-4A	Initial wave 6	1,478	1478	8 ²⁰	0.54	0	0	0.00	11/08/07
SASS-4B	Initial wave 6	378	378	0	0.00	0	0	0.00	11/08/07
SASS-16	Initial	68	68	0	0.00	0	0	0.00	11/05/07
SASS-4A	Initial wave 7	870	870	6 ²¹	0.69	0	0	0.00	11/13/07
SASS-4B	Initial wave 7	294	294	0	0.00	0	0	0.00	11/13/07
SASS-4A	Initial wave 8	788	25	0	0.00	0	0	0.00	11/13/07
SASS-4A	Initial wave 8	1,293	1,293	10 ²²	0.77	0	0	0.00	11/20/07
SASS-4B	Initial wave 8	452	452	0	0.00	0	0	0.00	11/20/07
SASS-4A	Initial wave 9	1,716	1,716	5 ²³	0.29	0	0	0.00	11/28/07
SASS-4B	Initial wave 9	322	322	0	0.00	0	0	0.00	11/28/07
SASS-4A	Initial wave 10	987	987	0	0.00	0	0	0.00	12/05/07
SASS-4B	Initial wave 10	222	222	0	0.00	0	0	0.00	12/05/07
SASS-4A	Initial wave 11	1,681	1,681	4 ²⁴	0.24	0	0	0.00	12/10/07
SASS-4B	Initial wave 11	315	315	0	0.00	0	0	0.00	12/10/07
SASS-4A	Initial wave 12	55	9	9 ²⁵	100.00	0	0	0.00	12/18/07
SASS-4A	Initial wave 12	1,435	1,435	6 ²⁶	0.42	0	0	0.00	12/19/07
SASS-4B	Initial wave 12	233	233	0	0.00	0	0	0.00	12/19/07
SASS-4A	Initial wave 13	2,079	2,079	4 ²⁷	0.19	0	0	0.00	12/27/07
SASS-4B	Initial wave 13	343	343	0	0.00	0	0	0.00	12/27/07
SASS-4A	Initial wave 14	649	649	0	0.00	0	0	0.00	01/03/08
SASS-4B	Initial wave 14	89	89	0	0.00	0	0	0.00	01/03/08
SASS package	CATI remails	2,364	2,364	14 ²⁸	0.59	0	0	0.00	01/10/08
SASS-4A	CATI remails	1,649	1,649	48 ²⁹	2.91	0	0	0.00	01/10/08
SASS-4B	CATI remails	419	419	5 ³⁰	1.19	0	0	0.00	01/10/08
SASS-4A	Initial wave 15	624	624	2 ³¹	0.32	0	0	0.00	01/11/08
SASS-4B	Initial wave 15	75	75	0	0.00	0	0	0.00	01/11/08

See notes at end of exhibit.

**Exhibit Q-5. Package assembly quality assurance, by type of inspection and form: 2007–08—
Continued**

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
SASS-1A	NRFU individual	492	20	0	0.00	0	0	0.00	01/10/08
SASS-2A	NRFU individual	460	20	0	0.00	0	0	0.00	01/10/08
SASS-2B	NRFU individual	287	15	0	0.00	0	0	0.00	01/10/08
SASS-3A	NRFU individual	441	19	0	0.00	0	0	0.00	01/10/08
SASS-3B	NRFU individual	290	15	0	0.00	0	0	0.00	01/10/08
SASS-3Y	NRFU individual	93	11	0	0.00	0	0	0.00	01/10/08
SASS-4A	NRFU individual	3,597	72	0	0.00	0	0	0.00	01/10/08
SASS-4B	NRFU individual	1,416	47	0	0.00	0	0	0.00	01/10/08
SASS-4A	Initial wave 16	70	70	0	0.00	0	0	0.00	01/18/08
SASS-4B	Initial wave 16	4	4	0	0.00	0	0	0.00	01/18/08
SASS-4A	Initial wave 17	23	23	0	0.00	0	0	0.00	02/14/08
SASS-4B	Initial wave 17	1	1	0	0.00	0	0	0.00	02/14/08
SASS-4A	Initial wave 18	76	76	0	0.00	0	0	0.00	02/15/08
SASS-4B	Initial wave 18	12	12	0	0.00	0	0	0.00	02/15/08
SASS-4A	Initial wave 19	77	77	1 ³²	1.30	0	0	0.00	02/28/08
SASS-4B	Initial wave 19	9	9	0	0.00	0	0	0.00	02/28/08
SASS-4A	Initial wave 20	55	55	0	0.00	0	0	0.00	03/17/08
SASS-4B	Initial wave 20	2	2	0	0.00	0	0	0.00	03/17/08

† Not applicable.

¹ SASS refers to the Schools and Staffing Survey. District refers to school district. The forms include the following questionnaires: SASS-1A is the School District Questionnaire; SASS-2A is the Principal Questionnaire; SASS-2B is the Private School Principal Questionnaire; SASS-3A is the School Questionnaire; SASS-3B is the Private School Questionnaire; SASS-3Y is the Public School Questionnaire (With District Items); SASS-4A is the Teacher Questionnaire; SASS-4B is the Private School Teacher Questionnaire; and LS-1A is the School Library Media Center Questionnaire.

² Twelve extra return envelope, 1 extra CD, 3 extra brochure, 10 missing return envelope, 4 missing coordinator envelope, 2 missing CD.

³ One incorrect ID numbers.

⁴ One damaged, 17 disclosure, 3 extra CD, 9 extra brochure, 32 extra return envelope, 8 incorrect letter, 5 missing letter, 20 missing brochure, 97 missing return envelope, 2 missing form, 4 missing coordinator envelope, 21 missing CD.

⁵ One missing return envelope, 3 missing CD, 4 missing return envelopes.

⁶ Three missing return envelope, 3 missing brochures.

⁷ Eleven disclosure, 4 extra return envelope, 19 missing return envelope, 2 missing form.

⁸ Four damaged, 6 disclosure, 15 extra envelope, 1 extra questionnaire, 1 incorrect material added, 109 missing return envelope, 1 missing questionnaire, 1 sequence order/material order, 6 missing postage.

⁹ One extra return envelope, 13 missing return envelope.

¹⁰ One missing return envelope.

¹¹ One illegible print/overprinted, 2 ink imperfections.

¹² Four missing return envelope.

¹³ One damaged, 3 missing return envelope.

¹⁴ Twelve disclosure, 1 extra return envelope, 1 extra brochure,, 2 missing brochure.

¹⁵ One missing return envelope.

¹⁶ One missing brochure.

¹⁷ One extra brochure.

¹⁸ One extra return envelope, 1 incomplete/loss of information-missing print, 5 missing brochure.

¹⁹ One missing brochure.

²⁰ One disclosure, 4 extra brochure, 3 missing letter, 1 missing return envelope.

- ²¹ One extra brochure, 4 extra return envelope, 1 missing brochure.
- ²² Three extra brochure, 1 extra return envelope, 1 missing letter, 2 missing brochure, 3 missing return envelope.
- ²³ One extra letter, 1 extra brochure, 1 missing letter, 2 missing brochure, 1 missing return envelope.
- ²⁴ One extra brochure, 1 extra return envelope, 2 missing return envelope.
- ²⁵ Nine missing brochure, three trays rejected and returned to DSB.
- ²⁶ One extra letter, 1 extra brochure, 5 extra return envelope, 1 missing brochure.
- ²⁷ One extra brochure, 1 extra letter, 1 missing letter, 1 missing brochure.
- ²⁸ One disclosure, 2 extra insert, 1 extra return envelope, 6 missing insert, 5 missing return envelope, 1 missing instructions.
- ²⁹ One disclosure, 12 extra inserts, 16 extra return envelopes, 2 extra letters, 57 missing return envelopes, 1 missing booklet, 4 missing inserts.
- ³⁰ Two extra return envelopes, 7 missing return envelopes.
- ³¹ One missing return envelope, 1 sequence order/material order.
- ³² One extra letter.

NOTE: NRFU refers to nonresponse follow-up. Detail may not sum to totals because of rounding.

SOURCE: *Quality Assurance for Keying and Mailout Operations*, U.S. Census Bureau, 2009.

Exhibit Q-6. Form assembly quality assurance, by type of inspection and form: 2007–08

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
Form assembly total	†	15,775	595	1	0.17	3	0	0.00	†
LS-1A(T)	Telephone follow-up	1,600	30	0	0.00	0	0	0.00	11/08/07
SASS-1A(T)	Telephone follow-up	30	15	0	0.00	0	0	0.00	11/08/07
SASS-2A(T)	Telephone follow-up	1,599	50	0	0.00	0	0	0.00	11/08/07
SASS-2B(T)	Telephone follow-up	798	35	0	0.00	0	0	0.00	11/08/07
SASS-3A(T)	Telephone follow-up	1,491	65	0	0.00	0	0	0.00	11/08/07
SASS-3B(T)	Telephone follow-up	600	15	0	0.00	0	0	0.00	11/08/07
SASS-4A(T)	Telephone follow-up	5,494	200	1 ²	0.50	3	0	0.00	11/08/07
SASS-4B(T)	Telephone follow-up	1,606	75	0	0.00	0	0	0.00	11/08/07
SASS-1.1/1A(T)	NRFU	2,257	95	0	0.00	0	0	0.00	11/09/07
SASS-3Y	Questionnaire	300	15	0	0.00	0	0	0.00	01/11/08

† Not applicable.

¹ LS-1A is the School Library Media Center Questionnaire. SASS-1A is the School District Questionnaire, and SASS-2A is the Principal Questionnaire, and SASS-2B is the Private School Principal Questionnaire. SASS-3A is the School Questionnaire, SASS-3B is the Private School Questionnaire, and SASS-3Y is the Public School Questionnaire (With District Items). SASS-4A is the Teacher Questionnaire, and SASS-4B is the Private School Teacher Questionnaire.

² One ink imperfection.

NOTE: NRFU refers to nonresponse follow-up. Detail may not sum to totals because of rounding.

SOURCE: *Quality Assurance for Keying and Mailout Operations*, U.S. Census Bureau, 2009.

Exhibit Q-7. Label imaging quality assurance, by type of inspection and form: 2007–08

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
Addressing total	†	253,651	10,791	1	0.01	0	0	0.00	†
SASS-16	Initial private	2,919	125	0	0.00	0	0	0.00	07/26/07
SASS-2B	Initial private	2,919	125	0	0.00	0	0	0.00	07/26/07
SASS-3B	Initial private	2,919	125	0	0.00	0	0	0.00	07/26/07
LS-1A	Initial public	8,747	210	0	0.00	0	0	0.00	08/10/07
SASS-16	Initial public	8,747	330	0	0.00	0	0	0.00	08/10/07
SASS-2A	Initial public	8,747	135	0	0.00	0	0	0.00	08/10/07
SASS-3A	Initial public	7,559	205	0	0.00	0	0	0.00	08/10/07
SASS-3Y	Initial public	1,188	85	0	0.00	0	0	0.00	08/10/07
LS-1A	Initial special	1,181	144	0	0.00	0	0	0.00	08/21/07
SASS-16	Initial special	1,181	174	0	0.00	0	0	0.00	08/21/07
SASS-2A	Initial special	1,181	155	0	0.00	0	0	0.00	08/21/07
SASS-3A	Initial special	1,181	146	0	0.00	0	0	0.00	08/21/07
SASS-16	Telephone follow-up	12,847	210	0	0.00	0	0	0.00	08/22/07
SASS-1A	Initial	4,352	170	0	0.00	0	0	0.00	09/07/07
SASS-358A	Initial (SASS-1A)	4,352	170	0	0.00	0	0	0.00	09/10/07
SASS-16	1 st follow-up private	2,800	90	0	0.00	0	0	0.00	09/21/07
SASS-2B	1 st follow-up private	2,798	130	0	0.00	0	0	0.00	09/21/07
SASS-3B	1 st follow-up private	2,818	90	0	0.00	0	0	0.00	09/21/07
SASS-358A	1 st follow-up private	2,852	215	0	0.00	0	0	0.00	09/21/07
LS-1A	1 st follow-up public	7,267	130	0	0.00	0	0	0.00	09/24/07
SASS-16	1 st follow-up public	7,213	245	0	0.00	0	0	0.00	09/24/07
SASS-2A	1 st follow-up public	7,223	170	0	0.00	0	0	0.00	09/24/07
SASS-3A	1 st follow-up public	7,270	250	0	0.00	0	0	0.00	09/24/07
SASS-358A	1 st follow-up public	7,363	90	0	0.00	0	0	0.00	09/21/07
LS-1A	1 st follow-up public	1,130	10	0	0.00	0	0	0.00	09/21/07
SASS-16	1 st follow-up public	1,127	45	0	0.00	0	0	0.00	09/21/07
SASS-2A	1 st follow-up public	1,116	45	0	0.00	0	0	0.00	09/21/07
SASS-3Y	1 st follow-up public	1,129	50	0	0.00	0	0	0.00	09/21/07
SASS-358A	1 st follow-up public	1,153	50	0	0.00	0	0	0.00	09/21/07
SASS	1 st follow-up	4	4	0	0.00	0	0	0.00	09/27/07
LS-1A	1 st follow-up public	745	72	0	0.00	0	0	0.00	10/03/07
SASS-16	1 st follow-up public	727	114	0	0.00	0	0	0.00	10/03/07
SASS-2A	1 st follow-up public	732	160	0	0.00	0	0	0.00	10/03/07
SASS-3A	1 st follow-up public	750	112	0	0.00	0	0	0.00	10/03/07
SASS-16	RO—district follow-up	8,506	165	0	0.00	0	0	0.00	10/09/07

See notes at end of exhibit.

Exhibit Q-7. Label imaging quality assurance, by type of inspection and form: 2007–08—Continued

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
SASS-4A	Initial wave 1, 2, & 3	3,302	125	0	0.00	0	0	0.00	10/11/07
SASS-4B	Initial wave 1, 2, & 3	717	45	0	0.00	0	0	0.00	10/11/07
SASS-1A	1 st follow-up	3,831	125	0	0.00	0	0	0.00	10/17/07
SASS-358A	1 st follow-up	3,831	165	0	0.00	0	0	0.00	10/15/07
SASS teacher questionnaires	Initial wave 4	620	135	0	0.00	0	0	0.00	10/24/07
SASS teacher questionnaires	Initial wave 5	621	125	0	0.00	0	0	0.00	10/29/07
SASS-4A	Initial wave 6	1,478	285	0	0.00	0	0	0.00	10/31/07
SASS-4B	Initial wave 6	378	45	0	0.00	0	0	0.00	10/31/07
SASS-16	Initial special	68	10	0	0.00	0	0	0.00	11/01/07
SASS-1A	Initial special	50	10	0	0.00	0	0	0.00	11/01/07
SASS-2A	Initial special	50	5	0	0.00	0	0	0.00	11/01/07
SASS-2B	Initial special	12	5	0	0.00	0	0	0.00	11/01/07
SASS-3A	Initial special	38	5	0	0.00	0	0	0.00	11/01/07
SASS-3B	Initial special	12	5	0	0.00	0	0	0.00	11/01/07
SASS-3Y	Initial special	18	5	0	0.00	0	0	0.00	11/01/07
SASS-4A	Initial wave 7	4,612	120	0	0.00	0	0	0.00	11/05/07
SASS-4B	Initial wave 7	1,004	45	0	0.00	0	0	0.00	11/05/07
SASS-4A	Initial wave 8	8,498	290	0	0.00	0	0	0.00	11/13/07
SASS-4B	Initial wave 8	452	40	0	0.00	0	0	0.00	11/13/07
SASS-4A	Initial wave 9	5,547	130	0	0.00	0	0	0.00	11/21/07
SASS-4B	Initial wave 9	840	85	0	0.00	0	0	0.00	11/21/07
SASS-4A	Initial wave 10	2,199	165	0	0.00	0	0	0.00	11/30/07
SASS-4B	Initial wave 10	382	40	0	0.00	0	0	0.00	11/30/07
SASS-4A	Initial wave 11	3,115	120	0	0.00	0	0	0.00	12/04/07
SASS-4B	Initial wave 11	458	45	0	0.00	0	0	0.00	12/04/07
LS-1A	NRFU phase 1	351	41	0	0.00	0	0	0.00	12/12/07
SASS-2A	NRFU phase 1	352	41	0	0.00	0	0	0.00	12/12/07
SASS-2B	NRFU phase 1	34	34	0	0.00	0	0	0.00	12/12/07
SASS-3A	NRFU phase 1	346	41	0	0.00	0	0	0.00	12/12/07
SASS-3B	NRFU phase 1	34	6	0	0.00	0	0	0.00	12/12/07
SASS-3Y	NRFU phase 1	64	6	0	0.00	0	0	0.00	12/12/07
SASS-4A	NRFU phase 1	10,338	325	0	0.00	0	0	0.00	12/12/07
SASS-4B	NRFU phase 1	766	40	0	0.00	0	0	0.00	12/12/07
SASS-4A	Initial wave 12	2,450	85	0	0.00	0	0	0.00	12/14/07
SASS-4B	Initial wave 12	386	85	0	0.00	0	0	0.00	12/14/07

See notes at end of exhibit.

Exhibit Q-7. Label imaging quality assurance, by type of inspection and form: 2007–08—Continued

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
SASS-4A	Initial wave 13	3,532	125	0	0.00	0	0	0.00	12/17/07
SASS-4B	Initial wave 13	326	80	0	0.00	0	0	0.00	12/17/07
SASS-4A	Initial wave 14	1,144	85	0	0.00	0	0	0.00	12/31/07
SASS-4B	Initial wave 14	138	80	0	0.00	0	0	0.00	12/31/07
SASS-358A	CATI remains	2,364	120	0	0.00	0	0	0.00	01/08/08
LS-1A	CATI remains	2,386	135	0	0.00	0	0	0.00	01/09/08
SASS-16	CATI remains	184	85	0	0.00	0	0	0.00	01/09/08
SASS-2A	CATI remains	2,448	135	0	0.00	0	0	0.00	01/09/08
SASS-2B	CATI remains	392	125	0	0.00	0	0	0.00	01/09/08
SASS-3A	CATI remains	796	50	0	0.00	0	0	0.00	01/09/08
SASS-3B	CATI remains	273	40	0	0.00	0	0	0.00	01/09/08
SASS-3Y	CATI remains	231	90	0	0.00	0	0	0.00	01/09/08
SASS-4A	CATI remains	8,069	330	0	0.00	0	0	0.00	01/09/08
SASS-4B	CATI remains	1,331	120	0	0.00	0	0	0.00	01/09/08
SASS-4A	Initial wave 15	1,083	80	0	0.00	0	0	0.00	01/09/08
SASS-2B	NRFU individual	287	40	0	0.00	0	0	0.00	01/10/08
SASS-4A	NRFU individual	4,057	130	0	0.00	0	0	0.00	01/10/08
SASS-4B	NRFU individual	1,416	40	0	0.00	0	0	0.00	01/10/08
SASS-1A	RO distribution	1,084	45	0	0.00	0	0	0.00	01/10/08
LS-1A	NRFU phase 2	3,056	100	0	0.00	0	0	0.00	01/15/08
SASS-2A	NRFU phase 2	3,083	85	0	0.00	0	0	0.00	01/15/08
SASS-2B	NRFU phase 2	1,050	30	0	0.00	0	0	0.00	01/15/08
SASS-3A	NRFU phase 2	2,850	130	0	0.00	0	0	0.00	01/15/08
SASS-3B	NRFU phase 2	1,046	60	0	0.00	0	0	0.00	01/15/08
SASS-3Y	NRFU phase 2	397	60	0	0.00	0	0	0.00	01/15/08
SASS-4A	NRFU phase 2	12,037	205	0	0.00	0	0	0.00	01/15/08
SASS-4B	NRFU phase 2	2,288	160	0	0.00	0	0	0.00	01/15/08
SASS-4A	Initial wave 16	107	40	0	0.00	0	0	0.00	01/15/08
SASS-4A	Initial wave 17	43	43	0	0.00	0	0	0.00	01/31/08
SASS-4B	Initial wave 17	3	3	0	0.00	0	0	0.00	01/31/08
SASS-4A	Initial wave 18	175	10	0	0.00	0	0	0.00	02/14/08
SASS-4B	Initial wave 18	7	5	0	0.00	0	0	0.00	02/14/08
SASS-4A	Initial wave 19	132	80	1 ²	1.25	0	0	0.00	02/27/08
SASS-4B	Initial wave 19	10	5	0	0.00	0	0	0.00	02/27/08
SASS-4A	Initial wave 20	132	45	0	0.00	0	0	0.00	03/14/08

See notes at end of exhibit.

Exhibit Q-7. Label imaging quality assurance, by type of inspection and form: 2007–08—Continued

Form ¹	Mailout	Number printed	Sample inspection			Expanded inspection			Date
			Number inspected	Number defective	Percent defective	Number inspected	Number defective	Percent defective	
SASS-4B	Initial wave 20	6	5	0	0.00	0	0	0.00	03/14/08
SASS-4A	NRFU phase 3	3,020	125	0	0.00	0	0	0.00	03/26/08
SASS-4B	NRFU phase 3	671	40	0	0.00	0	0	0.00	03/26/08

† Not applicable.

¹ The forms include the following questionnaires: SASS-1A is the School District Questionnaire; SASS-2A is the Principal Questionnaire; SASS-2B is the Private School Principal Questionnaire; SASS-3A is the School Questionnaire; SASS-3B is the Private School Questionnaire; SASS-3Y is the Public School Questionnaire (With District Items); SASS-4A is the Teacher Questionnaire; SASS-4B is the Private School Teacher Questionnaire; and LS-1A is the School Library Media Center Questionnaire.

² One damaged.

NOTE: NRFU refers to nonresponse follow-up. RO refers to the U.S. Census Bureau Regional Office. Detail may not sum to totals because of rounding.

SOURCE: *Quality Assurance for Keying and Mailout Operations*, U.S. Census Bureau, 2009.

Attachment Q-1. Error Codes for Data Capture

The following error code definitions and guidelines have been devised as an aid in assigning the proper error code to keying errors and program detected discrepancies. This document includes examples to use when determining the proper code. Some examples provide for different data capture applications for certain error codes. Use of these definitions and examples will result in a more consistent approach in the assignment of error codes and greater reporting accuracy.

Once the verifier enters all the required data for a batch (100 percent or sample), the program will match the verifier's data with the keyer's or automated data captured entries. Any differences will be displayed on the discrepancy screen. The classifier enters the appropriate error code for each difference by referencing the actual document or image and reviewing the keyer or captured entries and the verifier entries.

The program calculates the number and kind of errors based on the codes assigned by the classifier. It is essential that the classifier understands the error codes and assigns them properly.

A simulated version of the discrepancy screen is used to present examples throughout these guidelines.

In order to determine the proper error code, compare the data on the source document with the captured data shown and the verifier's data and determine which is correct. If the captured entry is correct, code the discrepancy with a "VE." (See "Verifier Error.") This code will signal the program to accept the captured data and delete the verifier's entry for that field.

If the verifier is correct, assign the proper error code as explained on the following pages. The computer will accept the verifier's entry and delete the captured data for that field.

NOTE: The classifier will enter the error code only. The system is programmed to distinguish between chargeable and nonchargeable errors. The classifier does not need to enter an asterisk (*) or other notation for nonchargeable errors.

All errors are accredited to the batch and are used in computing batch error rates and determining batch decisions, if required. Nonchargeable errors are errors in which the data entry operator was not at fault and are not included in the keyer's error rate or keyer decision, if required. Codes of "VA" (Verifier Adjustment) and "VE" (Verifier Error) are not charged to the batch or keyer.

In the examples to follow, the word "keyer" may represent the captured entry if automated data capture techniques are employed.

Error Codes for Data Capture

One error code must be assigned for each discrepancy. The type and number of codes should be in accordance with this procedure provided to the classifier. Assigning the proper error codes is essential in assuring that good batches are accepted and rejected batches are reworked.

Listed below are the error codes to be used.

STANDARD ERROR CODES (FIELDS)—CFI/KFI/KFP

ERROR CODE	DEFINITION
1	OTHER—CHARGEABLE (EXPLAIN IN REMARKS)
2	DATA OMISSION
3	DATA DUPLICATION
4	AUTO/MANUAL DUPLICATION ERROR
5*	RESPONDENT ERROR—DATA OUTSIDE RECOGNITION ZONE
6*	RECOGNITION MISREAD
7*	RECOGNITION OMISSION
8	FINGER ERROR
9	PROCEDURE ERROR
10*	BOTH CAPTURED AND VERIFIER DATA INCORRECT (NONCHARGEABLE)
11	BOTH CAPTURED AND VERIFIER DATA INCORRECT (CHARGEABLE)
12*	CODE ERROR—HARD TO READ
13*	MACHINE ERROR—KEYER NOT AT FAULT (SUPV INITIALS)
14*	SUPERVISOR ERROR (SUPV INITIALS)
15*	OTHER—NONCHARGEABLE (EXPLAIN IN REMARKS)
16*	PROCEDURE MODIFICATION/CLARIFICATION
VA**	VERIFIER ADJUSTMENT
VE**	VERIFIER ERROR

*NONCHARGEABLE KEYER ERRORS

**DO NOT COUNT AS ERRORS—CHARGEABLE OR NONCHARGEABLE

NOTE: The classifier/adjudicator will enter the error code only. The computer is programmed to distinguish between chargeable and nonchargeable errors. The classifier/adjudicator does not need to enter an asterisk (*) or other notation for nonchargeable errors.

1 Other—Chargeable (Explain in Remarks)
15 Other—Nonchargeable (Explain in Remarks)

The “Other” error codes are used for those errors not classifiable under any other error codes. Assign code 1 to chargeable errors and code 15 to nonchargeable errors. An explanation of these codes must be recorded on the Discrepancy Listing and initialed by the DCB supervisor.

In the examples below, error code 1 (document 83) is applied to errors that resulted from the keyer failing to reject a document that clearly should have been rejected. Error code 15 (document 90) is being applied to a document that the verifier rejected. In this second instance, the reasons for rejecting the document were less clear. Frequently, the DCB supervisor will make the determination as to whether or not the keyer should be charged the errors in this type of situation.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
1			83	68024	ITEM 1—NAME	PAT PRESIDENT	(Reject Document)
1			83	68024	ITEM 2—STREET ADDRESS	555 W NORTH ST	
1			83	68024	ITEM 3—CITY	SOMEWHERE	
1			83	68024	ITEM 4—STATE	IN	
1			83	68024	ITEM 5—ZIP CODE	47100	
1			83	68024	ITEM 6—CONTACT	JIM GOODGUY	
1			83	68024	ITEM 7—PHONE #	812-200-2000	
1			83	68024	ITEM 8—DATE	072805	
15			90	69942	ITEM 1—NAME	JOHN DOGOOD	(Reject Document—unclear)
15			90	69942	ITEM 2—STREET ADDRESS	120 MAIN ST	
15			90	69942	ITEM 3—CITY	ANYTOWN	
15			90	69942	ITEM 4—STATE	NY	
15			90	69942	ITEM 5—ZIP CODE	10000	
15			90	69942	ITEM 6—CONTACT	SUE SOMEBODY	
15			90	69942	ITEM 7—PHONE #	100-123-4567	
15			90	69942	ITEM 8—DATE	072805	

2 Data Omission

A Data Omission occurs when the keyer fails to key one or more fields.

When assigning an error code 2, be sure that the data has actually been omitted. Data keyed in the wrong field or data for two or more fields keyed into one field are NOT data omissions. (These two situations would both be Procedure Errors—code 9.)

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
2			173	45678	TOTAL EXPENDITURES		061
2			173	45678	TOTAL EXPENDITURES		(061) 852
2			223	67845	COMPANY NAME		A. MAJOR CORP

3 Data Duplication

Data Duplication occurs when the keyer keys the data for one or more fields at least twice. Code the duplicated field(s) with one error code 3 per field.

If the keyer or verifier attempts to key an entire document a second time, an error message may be displayed, depending on the application, to prevent duplication of an entire document.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
VA			301	78901	ITEM 7g—STORES	062	062
VA			301	78901	NUMBER OF STORES	(062) 15	(062) 15
3			301	78901	ITEM 7g—STORES	062	
3			301	78901	NUMBER OF STORES	(062) 15	

4 Automatic/Manual Duplication Error

Automatic Duplication Error

This error code may be used only when the job has been programmed for the system to automatically duplicate field(s) onto successive documents. Limited use—project keying specification or procedure will specify. The error occurs when the keyer enters incorrect data in the original field to be duplicated.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
8			1	00076	VESSEL NAME	USS DEWY	USS DEWEY
4			2	00077	VESSEL NAME	USS DEWY	USS DEWEY
4			2	00078	VESSEL NAME	USS DEWY	USS DEWEY

Manual Duplication Error

In some instances, certain fields to be keyed will have the same data and may be duped using the “Dup” key. A Manual Duplication error occurs when the keyer miskeyed the original entry and duplicates it into other fields. (The original error would NOT be a manual duplication error, but all resulting errors would be.) The example for documents 32 through 34 below involves this type of situation.

Also, the keyer may duplicate the wrong information: the data in the preceding field is not the same data to be keyed for the current field. The example for documents 57 and 58 involves duplicating the wrong data.

Do not confuse these types of errors with Data Duplication errors (3). Data Duplication errors involve the keyer simply rekeying the data previously keyed into the following fields. The Manual Duplication error involves the use of the “Dup” key and involves the same fields on successive documents.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
8			32	88521	COUNTRY NAME	ABC INC	BAC INC
4			33	20067	COUNTRY NAME	ABC INC	BAC INC
4			34	45336	COUNTRY NAME	ABC INC	BAC INC
4			57	98765	COUNTRY CODE	0121	0120
4			58	46953	COUNTRY CODE	0121	0120

5 Respondent Error—Data Outside Recognition Zone

Respondent Errors occur when the Respondent places data outside the recognition zone to be captured (in the margin, opposite side of page, in leader lines, outside the check box, etc.). This type of error is not charged against the keyer (nonchargeable), but is charged against the batch.

On the example below (document 11), the respondent typed the Area Code and Phone Number above the recognition zone parameter.

Name
 April Day 789-4568047
 Title Area Code and Phone Number Extension
 Accounting Assist - -

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	CAPTURED	VERIFIER
12			11	31300	SC_201_NAME	APRIL DAY 789-4568047	APRIL DAY
5			11	31300	SC_203_AREA_CODE		789
5			11	31300	SC_204_PREFIX		456
5			11	31300	SC_204_NUMBER		8047

6 Recognition Misread

Recognition Misread errors occurs when the system misreads the data due to

- check boxes designed too close to each other and to the preprinted text;
- data are too close to the borders of the text box zone;
- picking up ink from previous page;
- wrinkles from fold of questionnaire;
- stray marks and paper flaws;
- pixel problem—characters too tall or too wide or too light within the pixel range;
- characters touching and on borders of the text box zone; and
- data are skewed.

This type of error is charged against the batch.

In the example below (document 5), the “NT” at the end of assistant connected, was tightly packed and on the drop out box edges. The “4” for the fax area and prefix exceeded the maximum height parameter and, therefore, the four was dropped. In the example document 14, the tail on the six was not long enough so the system read it as a zero.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	CAPTURED	VERIFIER
6			5	05301	SC_202_TITLE	ADMIN ASSISTANT	ADMIN ASSISTANT
6			5	05301	SC_206_FAX_AREA	02	402
6			5	05301	SC_207_FAX_PREFIX	71	471
6			14	030023	SC_206_FAX_AREA_CODE	002	602

7 Recognition Omission

Recognition Omission occurs when the system omits data due to

- entry is not within established parameters for pixels, density, line definition, etc.; and
- entry too large, all characters touch, on the box edges, etc.

This type of error is charged against the batch.

In the example below for document 6, data was omitted due to the three numbers tightly packed together. In example document 7, data was omitted due to the numbers exceeded the height of the text box zone.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	CAPTURED	VERIFIER
7			6	17207	SC_206_FAX_AREA		456
7			7	17207	SC_205_EXTENSION		128

8 Finger Error

A Finger Error occurs when the keyer simply hits the wrong key. This is one of the most common types of errors.

Compare the data entered by the keyer with the data on the source document. If the data are similar, consider the error to be a Finger Error. If the data are entirely different, the error type could be something other than a Finger Error. Usually, a Finger Error will affect only one field of data.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
8			62	87654	ANNUAL SALES	12233	1233
8			62	87654	AREA CODE	714	741
8			102	87675	ADDRESS—CITY	NEW NORK	NEW YORK

9 Procedure Error

Error Code 9 covers several different situations:

Keying unwanted data—document 65

Keyer keyed data that was not to be captured.

Keying data for 2 or more fields into one field—document 66

Keycode 20 and the data for keycode 20 are not omitted—both have been keyed into the Item 19 data field.

Keying data in the wrong fields (and omitted)—document 68

Keying data in the wrong fields—document 70

Holding down the alpha or numeric shift in error—document 89

Check the keying procedure to determine the requirements for the field in question.

The Procedure Error code can also be applied to other situations. For example, the keying procedures might have special instructions for keying the data in certain fields based on the information on the source document. If the keyer fails to follow these instructions the error would be coded as a Procedure Error (9).

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
9			65	76543	ITEM 10C KC	017	
9			65	76543	ITEM 10C DATA	1530	
9			66	65432	ITEM 19 DATA	5702110	
9			66	65432	ITEM 20 KC		021
9			66	65432	ITEM 20 DATA		10
2			68	54321	STREET ADDRESS	NEW YORK	MAIN ST
9			68	54321	CITY	NY	NEW YORK
9			68	54321	STATE		NY
9			70	72249	FATHER’S AGE	1949	
9			70	72249	MOTHER’S AGE	1954	
9			70	72249	FATHER’S DOB		1949
9			70	72249	MOTHER’S DOB		1954
9			89	19765	LOCATION	!#^)	1360

10 Both Captured and Verifier Data Incorrect (Nonchargeable)

Both Captured and Verifier Data Incorrect error codes are recycled back to DCB for review and correction. This error is identified as no fault error by the keyer.

On the example below, the captured data and the verifier data did not match the respondent entry—JOHN B GOOD, CPÆ, CGFØ

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	CAPTURED	VERIFIER
11			53	19025	SC_201_NAME	JOHN B GOOD, CPE, CGFO	JOHN B GOD CPA CGFO

11 Both Captured and Verifier Data Incorrect (Chargeable)

Both Captured and Verifier Data Incorrect error codes are recycled back to DCB for review and correction. This error is identified by a fault error by the keyer.

On the example below, the captured data and the verifier data did not match the respondent entry (JOHN B GOOD, CPA, CGFO).

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	CAPTURED	VERIFIER
11			53	19025	SC_201_NAME	JOHN B GOOD, CPA, CGFO	JOHN B GOD CPA CGFO

12 Code Error—Hard to Read

Code Errors are not charged against the keyer. This type error occurs when the data to be keyed are illegible, entered in the wrong place on the document, or otherwise difficult to key due to coding.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
12			75	21098	TOTAL ACRES	137	151
12			125	21098	PHONE #	555-1234	555-1284

13 Machine Error—Keyer Not at Fault (Supervisor Initials)

Machine Errors are not charged against the keyer. Machine Errors occur when the data entry equipment creates errors due to keyboard problems, power surges, or other problems.

The DCB supervisor must initial each Machine Error on the discrepancy listing.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
13			79	10987	ACRES—PASTURE	144442	142
13			80	10990	LIVESTOCK SALES	444453	453

14 Supervisor Error (Supervisor Initials)

A Supervisor Error code is assigned when the DCB supervisor has given the keyer incorrect instructions. These errors MUST be initialed by the supervisor on the discrepancy listing and are not charged against the keyer.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
14			80	24680	TOTAL CAPITAL EXP	250	
14			80	24680	TOTAL CAPITAL EXP	(250) 13	

16 Procedure Modification/Clarification

Procedure Modification and Procedure Clarification errors are classified as error code 16. These type differences occur when the procedure is revised (Modification) or additional instructions are provided to clarify the procedure (Clarification).

Procedure Clarification—Usage of this explanation for error code 16 should be limited. It is applicable to situations in which a segment of the keyer’s instructions in the written procedure are difficult to understand and the supervisor must consult the Project Planner for further explanation. The Project Planner may in turn, consult the sponsoring division to clarify the procedure. The resulting explanation should result in a formal revision to the procedure. However, the keyers are given immediate additional instructions as a group.

Procedure Modification—This explanation of error code 16 is applicable when a procedure revision has been issued. In certain situations, the keyer will have keyed the data according to the original procedure, and the verifier will have keyed the data following the revised procedure. The discrepancies in the data that resulted from the revision in the procedure would be coded as error code 16.

The following situations are NOT “Procedure Clarifications” or “Procedure Modifications”:

1. A keyer misunderstands the procedure and keys the data incorrectly. (Error code 9)
2. Entries on the source document are poorly written and the keyer misinterprets the entries. (Error code 12)
3. The verifier questions entries on the source document. The supervisor changes the entries on the form, which results in discrepancies with the keyer entries. (Error code 15)
4. The supervisor gives the keyer the wrong instructions for keying an entry. (Error code 14)

NOTE: In both cases, the Modification or Clarification must have occurred AFTER the keyer completed keying the batch and BEFORE the verification has been completed.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
16			51	77251	STREET ADDRESS	158 ANY STREET	158 ANY ST
16			92	87321	STREET ADDRESS	P.O. BOX 450	PO BOX 450

VA Verifier Adjustment

The VA code is used for the coding of entries on the discrepancy screen/listing that need adjusting due to an error that is not chargeable to the keyer or the batch. In the example shown below for document 97, the keyer made a finger error on the key code entry. The data entry was keyed correctly but matched to the wrong key code due to the error. The verifier corrects the key code entry from “223” to “233” and moves the data entry to the correct field. The verifier assigned the VA code to the “discrepancy” lines displaying the correct entries for that field and the keyer is charged on the line that was in error. (This would apply on item/data entries only, fixed fields entries would be charged on both fields keyed and VA’d only on the verifier’s adjustment)

Another instance in which the VA code is used involves the resolution of referral flags. For some keying jobs, the keyer may be instructed to key a flag (for example, “#”) for a field that is in question. When the verifier enters the batch, the flag has been resolved, and the verifier is told to enter the correct data. Coding the difference as a VA, signals the computer to accept the verifier’s entry but not to consider the difference as an error.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
8			97	29302	Key Code	223	
VA			97	29302	Data	3990	
VA			97	29302	Key Code		233
VA			97	29302	Data		3990
VA			26	37890	QTR EMPLOYEES	#	159
*VA			46	55421		123 JUNE AVE	123 JUNE AV
*VA			65	66005		JS BOOK STORE	JS BOOKSTORE

- * When discrepancies occur in alpha fields (such as company names, street address, etc.) that involve differences in spacing or abbreviations only, and the meaning of the data is not affected, code these discrepancies as “VA” unless instructed differently in the QA plan or keying procedure.

PO	vs.	PO
Bookstore	vs.	Book Store
McDonald	vs.	Mc Donald
George Town	vs.	Georgetown
Ave	vs.	Av

NOTE: State name abbreviations are specific. An incorrectly abbreviated state name would be coded as error code 9, Procedure Error.

VE Verifier Error

The VE error code is one of the most critical codes. This code indicates to the program that the verifier entry is incorrect and to accept the keyer's entry for that discrepancy.

The reason for the Verifier Error has no impact on the use of this error code. For example, the Verifier Error may result from a Finger Error (8) or from a Code Error (12) on the part of the verifier. In either case, the error would be coded as a "VE." NO OTHER ERROR CODE SHOULD BE USED!

The VE error code is used for errors made by the verifier and are not counted as errors against the batch. It is vitally important to the quality of the data that this code is assigned correctly. Misapplication of the Verifier Error code may result in several undesirable outcomes:

- The wrong data would be accepted for that field.
- A batch may be accepted or rejected improperly resulting in acceptance of unacceptable work or rework of unnecessarily rejected batches.
- The keyer's error rate could be adversely affected.

VER	SPV	QA	DOC SEQ#	CFN/ID#	ITEM	KEYER	VERIFIER
VE			93	97765	1ST QTR PAYROLL	123	12

In the example above "123" was the correct datum.

This page intentionally left blank.

Appendix R. Imputation Changes to Variables, by Data File

The tables of this appendix contain the total number of imputations applied in both stages of imputation as well as the percentage of all records affected by the imputation for each source code on each data file. (See chapter 8 for more details about imputation procedures.) A list of the tables is provided below.

Table	Page
R-1. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school district data file, by variable: 2007–08.....	R-2
R-2. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school principal data file, by variable: 2007–08.....	R-6
R-3. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school principal data file, by variable: 2007–08.....	R-11
R-4. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school principal data file, by variable: 2007–08.....	R-15
R-5. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school data file, by variable: 2007–08.....	R-20
R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08.....	R-25
R-7. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school data file, by variable: 2007–08.....	R-33
R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08.....	R-39
R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08.....	R-48
R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08.....	R-58
R-11. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school library media center data file, by variable: 2007–08.....	R-68
R-12. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school library media center data file, by variable: 2007–08.....	R-70

Table R-1. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school district data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
D0250	0	0.0	0	0.0	0	0.0	0	0.0
D0251	0	0.0	0	0.0	0	0.0	0	0.0
D0252	0	0.0	0	0.0	0	0.0	0	0.0
D0253	0	0.0	0	0.0	0	0.0	0	0.0
D0254	0	0.0	0	0.0	0	0.0	0	0.0
D0260	7	0.2	7	0.2	0	0.0	0	0.0
D0261	4	0.1	4	0.1	0	0.0	0	0.0
D0262	4	0.1	4	0.1	0	0.0	0	0.0
D0263	4	0.1	4	0.1	0	0.0	0	0.0
D0264	5	0.1	5	0.1	0	0.0	0	0.0
D0265	5	0.1	5	0.1	0	0.0	0	0.0
D0266	5	0.1	5	0.1	0	0.0	0	0.0
D0267	5	0.1	5	0.1	0	0.0	0	0.0
D0268	5	0.1	5	0.1	0	0.0	0	0.0
D0269	6	0.1	6	0.1	0	0.0	0	0.0
D0270	7	0.2	7	0.2	0	0.0	0	0.0
D0271	7	0.2	7	0.2	0	0.0	0	0.0
D0272	7	0.2	7	0.2	0	0.0	0	0.0
D0273	7	0.2	7	0.2	0	0.0	0	0.0
D0274	5	0.1	5	0.1	0	0.0	0	0.0
D0275	92	2.0	92	2.0	91	2.0	0	0.0
D0276	0	0.0	0	0.0	0	0.0	0	0.0
D0277	1,399	30.3	1,140	24.7	1,085	23.5	259	5.6
D0278	1,413	30.6	1,142	24.7	794	17.2	271	5.9
D0279	1,408	30.5	1,140	24.7	1,088	23.6	268	5.8
D0280	1,398	30.3	1,136	24.6	1,129	24.4	262	5.7
D0281	1,395	30.2	1,133	24.5	1,116	24.2	262	5.7
D0282	852	18.4	819	17.7	1	0.0	33	0.7
D0283	41	0.9	41	0.9	0	0.0	0	0.0
D0284	148	3.2	0	0.0	0	0.0	148	3.2
D0285	37	0.8	0	0.0	0	0.0	37	0.8
D0286	440	9.5	223	4.8	0	0.0	217	4.7
D0287	441	9.5	28	0.6	0	0.0	413	8.9
D0288	42	0.9	0	0.0	0	0.0	42	0.9
D0289	0	0.0	0	0.0	0	0.0	0	0.0
D0290	369	8.0	26	0.6	22	0.5	343	7.4
D0291	824	17.8	468	10.1	39	0.8	356	7.7
D0292	366	7.9	24	0.5	23	0.5	342	7.4
D0293	368	8.0	18	0.4	18	0.4	350	7.6
D0294	370	8.0	18	0.4	13	0.3	352	7.6

See notes at end of table.

Table R-1. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school district data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
D0295	810	17.5	447	9.7	0	0.0	363	7.9
D0296	86	1.9	0	0.0	0	0.0	86	1.9
D0297	3	0.1	0	0.0	0	0.0	3	0.1
D0298	129	2.8	108	2.3	0	0.0	21	0.5
D0299	82	1.8	0	0.0	0	0.0	82	1.8
D0300	232	5.0	0	0.0	0	0.0	232	5.0
D0301	134	2.9	0	0.0	0	0.0	134	2.9
D0302	49	1.1	0	0.0	0	0.0	49	1.1
D0303	43	0.9	0	0.0	0	0.0	43	0.9
D0310	248	5.4	2	0.0	2	0.0	246	5.3
D0311	64	1.4	2	0.0	0	0.0	62	1.3
D0312	79	1.7	6	0.1	0	0.0	73	1.6
D0313	71	1.5	4	0.1	0	0.0	67	1.5
D0314	76	1.6	6	0.1	0	0.0	70	1.5
D0315	119	2.6	0	0.0	0	0.0	119	2.6
D0316	71	1.5	0	0.0	0	0.0	71	1.5
D0317	73	1.6	0	0.0	0	0.0	73	1.6
D0318	246	5.3	0	0.0	0	0.0	246	5.3
D0319	337	7.3	1	0.0	1	0.0	336	7.3
D0325	61	1.3	0	0.0	0	0.0	61	1.3
D0326	148	3.2	0	0.0	0	0.0	148	3.2
D0327	157	3.4	0	0.0	0	0.0	157	3.4
D0328	60	1.3	0	0.0	0	0.0	60	1.3
D0329	14	0.3	0	0.0	0	0.0	14	0.3
D0330	290	6.3	9	0.2	0	0.0	281	6.1
D0331	338	7.3	24	0.5	0	0.0	314	6.8
D0332	306	6.6	10	0.2	0	0.0	296	6.4
D0333	327	7.1	23	0.5	0	0.0	304	6.6
D0334	320	6.9	10	0.2	0	0.0	310	6.7
D0335	291	6.3	0	0.0	0	0.0	291	6.3
D0336	291	6.3	0	0.0	0	0.0	291	6.3
D0337	70	1.5	1	0.0	0	0.0	69	1.5
D0338	80	1.7	2	0.0	0	0.0	78	1.7
D0339	94	2.0	3	0.1	0	0.0	91	2.0
D0340	103	2.2	3	0.1	0	0.0	100	2.2
D0341	216	4.7	5	0.1	0	0.0	211	4.6
D0342	518	11.2	0	0.0	0	0.0	518	11.2
D0343	558	12.1	19	0.4	0	0.0	539	11.7
D0344	95	2.1	20	0.4	0	0.0	75	1.6
D0345	103	2.2	21	0.5	0	0.0	82	1.8

See notes at end of table.

Table R-1. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school district data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
D0346	111	2.4	21	0.5	0	0.0	90	1.9
D0347	101	2.2	5	0.1	0	0.0	96	2.1
D0348	101	2.2	11	0.2	0	0.0	90	1.9
D0349	92	2.0	7	0.2	0	0.0	85	1.8
D0350	104	2.3	9	0.2	0	0.0	95	2.1
D0355	72	1.6	0	0.0	0	0.0	72	1.6
D0356	85	1.8	0	0.0	0	0.0	85	1.8
D0357	106	2.3	0	0.0	0	0.0	106	2.3
D0358	116	2.5	0	0.0	0	0.0	116	2.5
D0359	100	2.2	0	0.0	0	0.0	100	2.2
D0360	286	6.2	0	0.0	0	0.0	286	6.2
D0361	73	1.6	0	0.0	0	0.0	73	1.6
D0362	25	0.5	0	0.0	0	0.0	25	0.5
D0363	79	1.7	0	0.0	0	0.0	79	1.7
D0364	24	0.5	0	0.0	0	0.0	24	0.5
D0365	150	3.2	0	0.0	0	0.0	150	3.2
D0366	138	3.0	0	0.0	0	0.0	138	3.0
D0370	48	1.0	1	0.0	0	0.0	47	1.0
D0371	168	3.6	1	0.0	0	0.0	167	3.6
D0372	164	3.6	0	0.0	0	0.0	164	3.6
D0373	233	5.0	60	1.3	0	0.0	173	3.7
D0374	170	3.7	1	0.0	0	0.0	169	3.7
D0375	177	3.8	8	0.2	0	0.0	169	3.7
D0376	220	4.8	56	1.2	0	0.0	164	3.6
D0377	102	2.2	0	0.0	0	0.0	102	2.2
D0378	77	1.7	0	0.0	0	0.0	77	1.7
D0379	123	2.7	0	0.0	0	0.0	123	2.7
D0385	172	3.7	0	0.0	0	0.0	172	3.7
D0386	81	1.8	0	0.0	0	0.0	81	1.8
D0390	162	3.5	0	0.0	0	0.0	162	3.5
D0391	130	2.8	0	0.0	0	0.0	130	2.8
D0392	106	2.3	0	0.0	0	0.0	106	2.3
D0393	207	4.5	0	0.0	0	0.0	207	4.5
D0394	70	1.5	0	0.0	0	0.0	70	1.5
D0395	55	1.2	0	0.0	0	0.0	55	1.2
D0396	0	0.0	0	0.0	0	0.0	0	0.0
D0397	0	0.0	0	0.0	0	0.0	0	0.0
D0398	0	0.0	0	0.0	0	0.0	0	0.0
D0399	0	0.0	0	0.0	0	0.0	0	0.0
D9001	0	0.0	0	0.0	0	0.0	0	0.0

See notes at end of table.

Table R-1. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school district data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
D9002	0	0.0	0	0.0	0	0.0	0	0.0
D9003	0	0.0	0	0.0	0	0.0	0	0.0
D9004	0	0.0	0	0.0	0	0.0	0	0.0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Public School District Restricted Use Data File,” 2007–08.

Table R-2. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school principal data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
A0025	17	0.2	2	0.0	0	0.0	15	0.2
A0026	13	0.2	0	0.0	0	0.0	13	0.2
A0027	65	0.9	17	0.2	0	0.0	48	0.6
A0028	894	12.0	814	10.9	0	0.0	80	1.1
A0029	6	0.1	0	0.0	0	0.0	6	0.1
A0030	78	1.0	0	0.0	0	0.0	78	1.0
A0031	68	0.9	0	0.0	0	0.0	68	0.9
A0032	21	0.3	0	0.0	0	0.0	21	0.3
A0033	60	0.8	0	0.0	0	0.0	60	0.8
A0034	19	0.3	0	0.0	0	0.0	19	0.3
A0040	92	1.2	0	0.0	0	0.0	92	1.2
A0041	94	1.3	0	0.0	0	0.0	94	1.3
A0042	113	1.5	0	0.0	0	0.0	113	1.5
A0043	60	0.8	0	0.0	0	0.0	60	0.8
A0044	68	0.9	0	0.0	0	0.0	68	0.9
A0045	68	0.9	0	0.0	0	0.0	68	0.9
A0046	54	0.7	0	0.0	0	0.0	54	0.7
A0047	59	0.8	0	0.0	0	0.0	59	0.8
A0048	59	0.8	31	0.4	0	0.0	28	0.4
A0049	58	0.8	0	0.0	0	0.0	58	0.8
A0050	75	1.0	0	0.0	0	0.0	75	1.0
A0051	64	0.9	0	0.0	0	0.0	64	0.9
A0052	74	1.0	0	0.0	0	0.0	74	1.0
A0053	58	0.8	0	0.0	0	0.0	58	0.8
A0054	59	0.8	0	0.0	0	0.0	59	0.8
A0055	62	0.8	34	0.5	0	0.0	28	0.4
A0056	64	0.9	0	0.0	0	0.0	64	0.9
A0057	81	1.1	0	0.0	0	0.0	81	1.1
A0058	64	0.9	0	0.0	0	0.0	64	0.9
A0059	66	0.9	0	0.0	0	0.0	66	0.9
A0060	54	0.7	0	0.0	0	0.0	54	0.7
A0061	61	0.8	0	0.0	0	0.0	61	0.8
A0062	68	0.9	33	0.4	0	0.0	35	0.5
A0063	66	0.9	0	0.0	0	0.0	66	0.9
A0064	68	0.9	0	0.0	0	0.0	68	0.9
A0065	78	1.0	0	0.0	0	0.0	78	1.0
A0066	67	0.9	0	0.0	0	0.0	67	0.9
A0067	83	1.1	0	0.0	0	0.0	83	1.1
A0068	56	0.8	0	0.0	0	0.0	56	0.8
A0069	79	1.1	0	0.0	0	0.0	79	1.1

See notes at end of table.

Table R-2. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
A0070	61	0.8	30	0.4	0	0.0	31	0.4
A0071	68	0.9	0	0.0	0	0.0	68	0.9
A0072	83	1.1	0	0.0	0	0.0	83	1.1
A0073	59	0.8	0	0.0	0	0.0	59	0.8
A0074	72	1.0	0	0.0	0	0.0	72	1.0
A0075	56	0.8	0	0.0	0	0.0	56	0.8
A0076	73	1.0	0	0.0	0	0.0	73	1.0
A0077	60	0.8	26	0.3	0	0.0	34	0.5
A0078	65	0.9	0	0.0	0	0.0	65	0.9
A0079	84	1.1	0	0.0	0	0.0	84	1.1
A0080	52	0.7	0	0.0	0	0.0	52	0.7
A0081	64	0.9	0	0.0	0	0.0	64	0.9
A0082	49	0.7	0	0.0	0	0.0	49	0.7
A0083	56	0.8	0	0.0	0	0.0	56	0.8
A0084	53	0.7	26	0.3	0	0.0	27	0.4
A0085	55	0.7	0	0.0	0	0.0	55	0.7
A0086	76	1.0	0	0.0	0	0.0	76	1.0
A0087	60	0.8	0	0.0	0	0.0	60	0.8
A0088	60	0.8	0	0.0	0	0.0	60	0.8
A0089	48	0.6	0	0.0	0	0.0	48	0.6
A0090	61	0.8	0	0.0	0	0.0	61	0.8
A0091	55	0.7	27	0.4	0	0.0	28	0.4
A0092	54	0.7	0	0.0	0	0.0	54	0.7
A0100	77	1.0	0	0.0	0	0.0	77	1.0
A0101	232	3.1	29	0.4	0	0.0	203	2.7
A0102	238	3.2	34	0.5	0	0.0	204	2.7
A0103	209	2.8	7	0.1	0	0.0	202	2.7
A0104	212	2.8	8	0.1	0	0.0	204	2.7
A0105	240	3.2	36	0.5	0	0.0	204	2.7
A0106	230	3.1	26	0.3	0	0.0	204	2.7
A0107	254	3.4	50	0.7	0	0.0	204	2.7
A0108	99	1.3	5	0.1	0	0.0	94	1.3
A0109	112	1.5	18	0.2	0	0.0	94	1.3
A0110	106	1.4	12	0.2	0	0.0	94	1.3
A0111	115	1.5	21	0.3	0	0.0	94	1.3
A0112	126	1.7	32	0.4	0	0.0	94	1.3
A0113	126	1.7	32	0.4	0	0.0	94	1.3
A0114	139	1.9	45	0.6	0	0.0	94	1.3
A0115	112	1.5	18	0.2	0	0.0	94	1.3
A0116	156	2.1	0	0.0	0	0.0	156	2.1

See notes at end of table.

Table R-2. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
A0125	402	5.4	0	0.0	0	0.0	402	5.4
A0126	1,063	14.3	0	0.0	0	0.0	1,063	14.3
A0127	41	0.5	20	0.3	0	0.0	21	0.3
A0128	34	0.5	13	0.2	0	0.0	21	0.3
A0129	31	0.4	10	0.1	0	0.0	21	0.3
A0130	37	0.5	16	0.2	0	0.0	21	0.3
A0131	64	0.9	43	0.6	0	0.0	21	0.3
A0132	41	0.5	20	0.3	0	0.0	21	0.3
A0133	46	0.6	25	0.3	0	0.0	21	0.3
A0134	31	0.4	10	0.1	0	0.0	21	0.3
A0135	32	0.4	11	0.1	0	0.0	21	0.3
A0136	33	0.4	12	0.2	0	0.0	21	0.3
A0137	40	0.5	19	0.3	0	0.0	21	0.3
A0138	33	0.4	12	0.2	0	0.0	21	0.3
A0139	32	0.4	11	0.1	0	0.0	21	0.3
A0140	108	1.4	34	0.5	0	0.0	74	1.0
A0141	85	1.1	12	0.2	0	0.0	73	1.0
A0142	92	1.2	19	0.3	0	0.0	73	1.0
A0143	89	1.2	16	0.2	0	0.0	73	1.0
A0144	89	1.2	16	0.2	0	0.0	73	1.0
A0145	92	1.2	19	0.3	0	0.0	73	1.0
A0146	95	1.3	22	0.3	0	0.0	73	1.0
A0147	85	1.1	12	0.2	0	0.0	73	1.0
A0148	86	1.2	13	0.2	0	0.0	73	1.0
A0149	81	1.1	8	0.1	0	0.0	73	1.0
A0150	93	1.2	19	0.3	0	0.0	74	1.0
A0151	86	1.2	12	0.2	0	0.0	74	1.0
A0152	97	1.3	24	0.3	0	0.0	73	1.0
A0153	140	1.9	11	0.1	0	0.0	129	1.7
A0154	144	1.9	14	0.2	0	0.0	130	1.7
A0155	148	2.0	19	0.3	0	0.0	129	1.7
A0156	140	1.9	11	0.1	0	0.0	129	1.7
A0157	69	0.9	5	0.1	0	0.0	64	0.9
A0158	69	0.9	7	0.1	0	0.0	62	0.8
A0159	78	1.0	13	0.2	0	0.0	65	0.9
A0160	73	1.0	12	0.2	0	0.0	61	0.8
A0161	71	1.0	9	0.1	0	0.0	62	0.8
A0170	377	5.1	377	5.1	0	0.0	0	0.0
A0171	302	4.0	302	4.0	0	0.0	0	0.0
A0172	244	3.3	227	3.0	0	0.0	17	0.2

See notes at end of table.

Table R-2. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school principal data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
A0173	244	3.3	227	3.0	0	0.0	17	0.2
A0174	699	9.4	464	6.2	243	3.3	235	3.2
A0175	855	11.5	496	6.6	203	2.7	359	4.8
A0176	489	6.6	243	3.3	243	3.3	246	3.3
A0177	500	6.7	245	3.3	243	3.3	255	3.4
A0178	500	6.7	245	3.3	243	3.3	255	3.4
A0179	537	7.2	283	3.8	242	3.2	254	3.4
A0180	470	6.3	244	3.3	243	3.3	226	3.0
A0181	474	6.4	246	3.3	242	3.2	228	3.1
A0182	486	6.5	253	3.4	242	3.2	233	3.1
A0183	484	6.5	255	3.4	242	3.2	229	3.1
A0184	284	3.8	284	3.8	0	0.0	0	0.0
A0185	363	4.9	345	4.6	0	0.0	18	0.2
A0186	363	4.9	345	4.6	0	0.0	18	0.2
A0187	330	4.4	41	0.5	40	0.5	289	3.9
A0188	598	8.0	42	0.6	30	0.4	556	7.5
A0189	283	3.8	40	0.5	40	0.5	243	3.3
A0190	284	3.8	40	0.5	40	0.5	244	3.3
A0191	284	3.8	40	0.5	40	0.5	244	3.3
A0206	261	3.5	23	0.3	0	0.0	238	3.2
A0207	276	3.7	36	0.5	0	0.0	240	3.2
A0208	265	3.6	24	0.3	0	0.0	241	3.2
A0209	257	3.4	19	0.3	0	0.0	238	3.2
A0210	276	3.7	37	0.5	0	0.0	239	3.2
A0211	255	3.4	16	0.2	0	0.0	239	3.2
A0212	259	3.5	19	0.3	0	0.0	240	3.2
A0213	260	3.5	24	0.3	0	0.0	236	3.2
A0214	261	3.5	25	0.3	0	0.0	236	3.2
A0215	164	2.2	15	0.2	0	0.0	149	2.0
A0216	246	3.3	49	0.7	0	0.0	197	2.6
A0217	72	1.0	0	0.0	0	0.0	72	1.0
A0225	113	1.5	0	0.0	0	0.0	113	1.5
A0226	196	2.6	0	0.0	0	0.0	196	2.6
A0227	975	13.1	0	0.0	0	0.0	975	13.1
A0228	192	2.6	0	0.0	0	0.0	192	2.6
A0229	95	1.3	0	0.0	0	0.0	95	1.3
A0230	69	0.9	0	0.0	0	0.0	69	0.9
A0231	80	1.1	0	0.0	0	0.0	80	1.1
A0232	83	1.1	0	0.0	0	0.0	83	1.1
A0233	83	1.1	0	0.0	0	0.0	83	1.1

See notes at end of table.

Table R-2. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records ratio adjusted	Number of changes	Percent of records affected
A0234	77	1.0	0	0.0	0	0.0	77	1.0
A0235	87	1.2	0	0.0	0	0.0	87	1.2
A0240	0	0.0	0	0.0	0	0.0	0	0.0
A0241	19	0.3	0	0.0	0	0.0	19	0.3
A0242	151	2.0	0	0.0	0	0.0	151	2.0
A0243	151	2.0	0	0.0	0	0.0	151	2.0
A0244	151	2.0	0	0.0	0	0.0	151	2.0
A0245	151	2.0	0	0.0	0	0.0	151	2.0
A0246	151	2.0	0	0.0	0	0.0	151	2.0
A0247	1	0.0	0	0.0	0	0.0	1	0.0
A0248	96	1.3	0	0.0	0	0.0	96	1.3
A0249	329	4.4	0	0.0	0	0.0	329	4.4
A0250	0	0.0	0	0.0	0	0.0	0	0.0
A0251	0	0.0	0	0.0	0	0.0	0	0.0
A0252	0	0.0	0	0.0	0	0.0	0	0.0
A0253	0	0.0	0	0.0	0	0.0	0	0.0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Principal Restricted Use Data File," 2007–08.

Table R-3. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school principal data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0025	9	0.5	5	0.3	0	0.0	4	0.2
A0026	10	0.5	3	0.2	0	0.0	7	0.4
A0027	33	1.7	14	0.7	0	0.0	19	1.0
A0028	228	12.1	148	7.8	0	0.0	80	4.2
A0029	2	0.1	0	0.0	0	0.0	2	0.1
A0030	22	1.2	0	0.0	0	0.0	22	1.2
A0031	17	0.9	0	0.0	0	0.0	17	0.9
A0032	8	0.4	0	0.0	0	0.0	8	0.4
A0033	7	0.4	0	0.0	0	0.0	7	0.4
A0034	12	0.6	0	0.0	0	0.0	12	0.6
A0040	34	1.8	0	0.0	0	0.0	34	1.8
A0041	34	1.8	0	0.0	0	0.0	34	1.8
A0042	37	2.0	0	0.0	0	0.0	37	2.0
A0044	37	2.0	0	0.0	0	0.0	37	2.0
A0046	26	1.4	0	0.0	0	0.0	26	1.4
A0047	25	1.3	0	0.0	0	0.0	25	1.3
A0048	42	2.2	21	1.1	0	0.0	21	1.1
A0049	28	1.5	0	0.0	0	0.0	28	1.5
A0051	29	1.5	0	0.0	0	0.0	29	1.5
A0053	24	1.3	0	0.0	0	0.0	24	1.3
A0054	25	1.3	0	0.0	0	0.0	25	1.3
A0055	35	1.9	18	1.0	0	0.0	17	0.9
A0056	32	1.7	0	0.0	0	0.0	32	1.7
A0058	39	2.1	0	0.0	0	0.0	39	2.1
A0060	39	2.1	0	0.0	0	0.0	39	2.1
A0061	45	2.4	0	0.0	0	0.0	45	2.4
A0062	50	2.6	25	1.3	0	0.0	25	1.3
A0063	41	2.2	0	0.0	0	0.0	41	2.2
A0064	44	2.3	0	0.0	0	0.0	44	2.3
A0066	35	1.9	0	0.0	0	0.0	35	1.9
A0068	24	1.3	0	0.0	0	0.0	24	1.3
A0069	54	2.9	0	0.0	0	0.0	54	2.9
A0070	39	2.1	19	1.0	0	0.0	20	1.1
A0071	33	1.7	0	0.0	0	0.0	33	1.7
A0073	41	2.2	0	0.0	0	0.0	41	2.2
A0075	32	1.7	0	0.0	0	0.0	32	1.7
A0076	59	3.1	0	0.0	0	0.0	59	3.1
A0077	50	2.6	27	1.4	0	0.0	23	1.2
A0078	43	2.3	0	0.0	0	0.0	43	2.3
A0080	38	2.0	0	0.0	0	0.0	38	2.0

See notes at end of table.

Table R-3. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0082	29	1.5	0	0.0	0	0.0	29	1.5
A0083	36	1.9	0	0.0	0	0.0	36	1.9
A0084	50	2.6	26	1.4	0	0.0	24	1.3
A0085	42	2.2	0	0.0	0	0.0	42	2.2
A0087	32	1.7	0	0.0	0	0.0	32	1.7
A0089	29	1.5	0	0.0	0	0.0	29	1.5
A0090	44	2.3	0	0.0	0	0.0	44	2.3
A0091	44	2.3	24	1.3	0	0.0	20	1.1
A0092	40	2.1	0	0.0	0	0.0	40	2.1
A0100	14	0.7	0	0.0	0	0.0	14	0.7
A0101	28	1.5	5	0.3	0	0.0	23	1.2
A0102	30	1.6	7	0.4	0	0.0	23	1.2
A0103	25	1.3	2	0.1	0	0.0	23	1.2
A0104	27	1.4	4	0.2	0	0.0	23	1.2
A0105	30	1.6	7	0.4	0	0.0	23	1.2
A0106	30	1.6	7	0.4	0	0.0	23	1.2
A0107	30	1.6	7	0.4	0	0.0	23	1.2
A0108	49	2.6	6	0.3	0	0.0	43	2.3
A0110	50	2.6	5	0.3	0	0.0	45	2.4
A0111	58	3.1	13	0.7	0	0.0	45	2.4
A0112	68	3.6	23	1.2	0	0.0	45	2.4
A0113	55	2.9	10	0.5	0	0.0	45	2.4
A0114	62	3.3	17	0.9	0	0.0	45	2.4
A0115	56	3.0	11	0.6	0	0.0	45	2.4
A0116	36	1.9	0	0.0	0	0.0	36	1.9
A0125	34	1.8	0	0.0	0	0.0	34	1.8
A0126	67	3.5	0	0.0	0	0.0	67	3.5
A0127	13	0.7	10	0.5	0	0.0	3	0.2
A0128	16	0.8	13	0.7	0	0.0	3	0.2
A0129	15	0.8	11	0.6	0	0.0	4	0.2
A0130	14	0.7	10	0.5	0	0.0	4	0.2
A0131	20	1.1	17	0.9	0	0.0	3	0.2
A0132	12	0.6	9	0.5	0	0.0	3	0.2
A0133	13	0.7	10	0.5	0	0.0	3	0.2
A0134	9	0.5	5	0.3	0	0.0	4	0.2
A0135	17	0.9	12	0.6	0	0.0	5	0.3
A0136	7	0.4	4	0.2	0	0.0	3	0.2
A0137	8	0.4	5	0.3	0	0.0	3	0.2
A0138	10	0.5	7	0.4	0	0.0	3	0.2
A0139	8	0.4	5	0.3	0	0.0	3	0.2

See notes at end of table.

Table R-3. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0140	23	1.2	12	0.6	0	0.0	11	0.6
A0141	17	0.9	6	0.3	0	0.0	11	0.6
A0142	19	1.0	9	0.5	0	0.0	10	0.5
A0143	15	0.8	5	0.3	0	0.0	10	0.5
A0144	16	0.8	5	0.3	0	0.0	11	0.6
A0145	14	0.7	3	0.2	0	0.0	11	0.6
A0146	11	0.6	0	0.0	0	0.0	11	0.6
A0147	18	1.0	8	0.4	0	0.0	10	0.5
A0148	14	0.7	2	0.1	0	0.0	12	0.6
A0149	16	0.8	6	0.3	0	0.0	10	0.5
A0150	16	0.8	6	0.3	0	0.0	10	0.5
A0151	14	0.7	4	0.2	0	0.0	10	0.5
A0152	12	0.6	2	0.1	0	0.0	10	0.5
A0153	18	1.0	2	0.1	0	0.0	16	0.8
A0154	18	1.0	2	0.1	0	0.0	16	0.8
A0155	22	1.2	6	0.3	0	0.0	16	0.8
A0156	20	1.1	4	0.2	0	0.0	16	0.8
A0157	26	1.4	4	0.2	0	0.0	22	1.2
A0158	23	1.2	2	0.1	0	0.0	21	1.1
A0159	29	1.5	7	0.4	0	0.0	22	1.2
A0160	29	1.5	6	0.3	0	0.0	23	1.2
A0161	24	1.3	2	0.1	0	0.0	22	1.2
A0170	64	3.4	64	3.4	0	0.0	0	0.0
A0171	91	4.8	91	4.8	0	0.0	0	0.0
A0172	82	4.3	82	4.3	0	0.0	0	0.0
A0173	82	4.3	82	4.3	0	0.0	0	0.0
A0174	230	12.2	128	6.8	39	2.1	102	5.4
A0175	338	17.9	150	7.9	30	1.6	188	9.9
A0176	147	7.8	40	2.1	39	2.1	107	5.7
A0177	143	7.6	40	2.1	39	2.1	103	5.4
A0178	141	7.5	39	2.1	39	2.1	102	5.4
A0179	167	8.8	51	2.7	39	2.1	116	6.1
A0180	134	7.1	39	2.1	39	2.1	95	5.0
A0181	137	7.2	39	2.1	39	2.1	98	5.2
A0182	140	7.4	40	2.1	39	2.1	100	5.3
A0183	148	7.8	46	2.4	39	2.1	102	5.4
A0184	100	5.3	100	5.3	0	0.0	0	0.0
A0185	110	5.8	110	5.8	0	0.0	0	0.0
A0186	110	5.8	110	5.8	0	0.0	0	0.0
A0187	119	6.3	3	0.2	3	0.2	116	6.1

See notes at end of table.

Table R-3. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0188	263	13.9	4	0.2	3	0.2	259	13.7
A0189	90	4.8	3	0.2	3	0.2	87	4.6
A0190	91	4.8	3	0.2	3	0.2	88	4.7
A0191	91	4.8	3	0.2	3	0.2	88	4.7
A0206	67	3.5	3	0.2	0	0.0	64	3.4
A0207	74	3.9	8	0.4	0	0.0	66	3.5
A0208	71	3.8	6	0.3	0	0.0	65	3.4
A0209	71	3.8	5	0.3	0	0.0	66	3.5
A0210	71	3.8	5	0.3	0	0.0	66	3.5
A0211	77	4.1	9	0.5	0	0.0	68	3.6
A0212	80	4.2	10	0.5	0	0.0	70	3.7
A0213	73	3.9	6	0.3	0	0.0	67	3.5
A0214	72	3.8	3	0.2	0	0.0	69	3.6
A0215	75	4.0	8	0.4	0	0.0	67	3.5
A0225	63	3.3	2	0.1	0	0.0	61	3.2
A0226	58	3.1	1	0.1	0	0.0	57	3.0
A0227	588	31.1	0	0.0	0	0.0	588	31.1
A0229	43	2.3	0	0.0	0	0.0	43	2.3
A0230	41	2.2	0	0.0	0	0.0	41	2.2
A0232	55	2.9	0	0.0	0	0.0	55	2.9
A0233	43	2.3	0	0.0	0	0.0	43	2.3
A0234	42	2.2	0	0.0	0	0.0	42	2.2
A0235	43	2.3	0	0.0	0	0.0	43	2.3
A0240	2	0.1	0	0.0	0	0.0	2	0.1
A0241	6	0.3	0	0.0	0	0.0	6	0.3
A0242	28	1.5	0	0.0	0	0.0	28	1.5
A0243	28	1.5	0	0.0	0	0.0	28	1.5
A0244	28	1.5	0	0.0	0	0.0	28	1.5
A0245	28	1.5	0	0.0	0	0.0	28	1.5
A0246	28	1.5	0	0.0	0	0.0	28	1.5
A0247	0	0.0	0	0.0	0	0.0	0	0.0
A0248	34	1.8	0	0.0	0	0.0	34	1.8
A0249	212	11.2	11	0.6	0	0.0	201	10.6
A0250	0	0.0	0	0.0	0	0.0	0	0.0
A0251	0	0.0	0	0.0	0	0.0	0	0.0
A0252	0	0.0	0	0.0	0	0.0	0	0.0
A0253	0	0.0	0	0.0	0	0.0	0	0.0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Principal Restricted Use Data File," 2007–08.

Table R-4. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school principal data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0025	0	0.0	0	0.0	0	0.0	0	0.0
A0026	1	0.8	0	0.0	0	0.0	1	0.8
A0027	5	3.8	2	1.5	0	0.0	3	2.3
A0028	18	13.5	15	11.3	0	0.0	3	2.3
A0029	0	0.0	0	0.0	0	0.0	0	0.0
A0030	3	2.3	0	0.0	0	0.0	3	2.3
A0031	1	0.8	0	0.0	0	0.0	1	0.8
A0032	0	0.0	0	0.0	0	0.0	0	0.0
A0033	0	0.0	0	0.0	0	0.0	0	0.0
A0034	0	0.0	0	0.0	0	0.0	0	0.0
A0040	2	1.5	0	0.0	0	0.0	2	1.5
A0041	2	1.5	0	0.0	0	0.0	2	1.5
A0042	2	1.5	0	0.0	0	0.0	2	1.5
A0043	3	2.3	0	0.0	0	0.0	3	2.3
A0044	0	0.0	0	0.0	0	0.0	0	0.0
A0045	2	1.5	0	0.0	0	0.0	2	1.5
A0046	0	0.0	0	0.0	0	0.0	0	0.0
A0047	0	0.0	0	0.0	0	0.0	0	0.0
A0048	0	0.0	0	0.0	0	0.0	0	0.0
A0049	1	0.8	0	0.0	0	0.0	1	0.8
A0050	1	0.8	0	0.0	0	0.0	1	0.8
A0051	0	0.0	0	0.0	0	0.0	0	0.0
A0052	0	0.0	0	0.0	0	0.0	0	0.0
A0053	0	0.0	0	0.0	0	0.0	0	0.0
A0054	0	0.0	0	0.0	0	0.0	0	0.0
A0055	0	0.0	0	0.0	0	0.0	0	0.0
A0056	2	1.5	0	0.0	0	0.0	2	1.5
A0057	2	1.5	0	0.0	0	0.0	2	1.5
A0058	1	0.8	0	0.0	0	0.0	1	0.8
A0059	0	0.0	0	0.0	0	0.0	0	0.0
A0060	0	0.0	0	0.0	0	0.0	0	0.0
A0061	0	0.0	0	0.0	0	0.0	0	0.0
A0062	0	0.0	0	0.0	0	0.0	0	0.0
A0063	0	0.0	0	0.0	0	0.0	0	0.0
A0064	0	0.0	0	0.0	0	0.0	0	0.0
A0065	6	4.5	0	0.0	0	0.0	6	4.5
A0066	4	3.0	0	0.0	0	0.0	4	3.0
A0067	3	2.3	0	0.0	0	0.0	3	2.3
A0068	3	2.3	0	0.0	0	0.0	3	2.3
A0069	4	3.0	0	0.0	0	0.0	4	3.0

See notes at end of table.

Table R-4. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0070	4	3.0	4	3.0	0	0.0	0	0.0
A0071	3	2.3	0	0.0	0	0.0	3	2.3
A0072	4	3.0	0	0.0	0	0.0	4	3.0
A0073	4	3.0	0	0.0	0	0.0	4	3.0
A0074	3	2.3	0	0.0	0	0.0	3	2.3
A0075	3	2.3	0	0.0	0	0.0	3	2.3
A0076	3	2.3	0	0.0	0	0.0	3	2.3
A0077	3	2.3	3	2.3	0	0.0	0	0.0
A0078	4	3.0	0	0.0	0	0.0	4	3.0
A0079	3	2.3	0	0.0	0	0.0	3	2.3
A0080	2	1.5	0	0.0	0	0.0	2	1.5
A0081	2	1.5	0	0.0	0	0.0	2	1.5
A0082	2	1.5	0	0.0	0	0.0	2	1.5
A0083	2	1.5	0	0.0	0	0.0	2	1.5
A0084	2	1.5	2	1.5	0	0.0	0	0.0
A0085	2	1.5	0	0.0	0	0.0	2	1.5
A0086	2	1.5	0	0.0	0	0.0	2	1.5
A0087	2	1.5	0	0.0	0	0.0	2	1.5
A0088	2	1.5	0	0.0	0	0.0	2	1.5
A0089	2	1.5	0	0.0	0	0.0	2	1.5
A0090	2	1.5	0	0.0	0	0.0	2	1.5
A0091	2	1.5	2	1.5	0	0.0	0	0.0
A0092	2	1.5	0	0.0	0	0.0	2	1.5
A0100	1	0.8	0	0.0	0	0.0	1	0.8
A0101	3	2.3	2	1.5	0	0.0	1	0.8
A0102	2	1.5	1	0.8	0	0.0	1	0.8
A0103	2	1.5	1	0.8	0	0.0	1	0.8
A0104	2	1.5	1	0.8	0	0.0	1	0.8
A0105	1	0.8	0	0.0	0	0.0	1	0.8
A0106	2	1.5	1	0.8	0	0.0	1	0.8
A0107	1	0.8	0	0.0	0	0.0	1	0.8
A0108	2	1.5	0	0.0	0	0.0	2	1.5
A0109	4	3.0	2	1.5	0	0.0	2	1.5
A0110	3	2.3	1	0.8	0	0.0	2	1.5
A0111	3	2.3	1	0.8	0	0.0	2	1.5

See notes at end of table.

Table R-4. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0112	3	2.3	1	0.8	0	0.0	2	1.5
A0113	4	3.0	2	1.5	0	0.0	2	1.5
A0114	3	2.3	1	0.8	0	0.0	2	1.5
A0115	2	1.5	0	0.0	0	0.0	2	1.5
A0116	1	0.8	0	0.0	0	0.0	1	0.8
A0125	8	6.0	0	0.0	0	0.0	8	6.0
A0126	18	13.5	0	0.0	0	0.0	18	13.5
A0127	1	0.8	0	0.0	0	0.0	1	0.8
A0128	1	0.8	0	0.0	0	0.0	1	0.8
A0129	1	0.8	0	0.0	0	0.0	1	0.8
A0130	2	1.5	1	0.8	0	0.0	1	0.8
A0131	2	1.5	1	0.8	0	0.0	1	0.8
A0132	1	0.8	0	0.0	0	0.0	1	0.8
A0133	3	2.3	2	1.5	0	0.0	1	0.8
A0134	1	0.8	0	0.0	0	0.0	1	0.8
A0135	2	1.5	1	0.8	0	0.0	1	0.8
A0136	1	0.8	0	0.0	0	0.0	1	0.8
A0137	1	0.8	0	0.0	0	0.0	1	0.8
A0138	1	0.8	0	0.0	0	0.0	1	0.8
A0139	2	1.5	0	0.0	0	0.0	2	1.5
A0140	4	3.0	1	0.8	0	0.0	3	2.3
A0141	4	3.0	1	0.8	0	0.0	3	2.3
A0142	3	2.3	0	0.0	0	0.0	3	2.3
A0143	4	3.0	1	0.8	0	0.0	3	2.3
A0144	3	2.3	0	0.0	0	0.0	3	2.3
A0145	3	2.3	0	0.0	0	0.0	3	2.3
A0146	3	2.3	0	0.0	0	0.0	3	2.3
A0147	3	2.3	0	0.0	0	0.0	3	2.3
A0148	3	2.3	0	0.0	0	0.0	3	2.3
A0149	3	2.3	0	0.0	0	0.0	3	2.3
A0150	3	2.3	0	0.0	0	0.0	3	2.3
A0151	3	2.3	0	0.0	0	0.0	3	2.3
A0152	3	2.3	0	0.0	0	0.0	3	2.3
A0153	3	2.3	0	0.0	0	0.0	3	2.3
A0154	3	2.3	0	0.0	0	0.0	3	2.3

See notes at end of table.

Table R-4. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0155	4	3.0	1	0.8	0	0.0	3	2.3
A0156	3	2.3	0	0.0	0	0.0	3	2.3
A0157	2	1.5	0	0.0	0	0.0	2	1.5
A0158	2	1.5	0	0.0	0	0.0	2	1.5
A0159	2	1.5	0	0.0	0	0.0	2	1.5
A0160	2	1.5	0	0.0	0	0.0	2	1.5
A0161	2	1.5	0	0.0	0	0.0	2	1.5
A0170	10	7.5	10	7.5	0	0.0	0	0.0
A0171	5	3.8	5	3.8	0	0.0	0	0.0
A0172	12	9.0	12	9.0	0	0.0	0	0.0
A0173	12	9.0	12	9.0	0	0.0	0	0.0
A0174	29	21.8	22	16.5	14	10.5	7	5.3
A0175	38	28.6	25	18.8	9	6.8	13	9.8
A0176	22	16.5	14	10.5	14	10.5	8	6.0
A0177	21	15.8	14	10.5	14	10.5	7	5.3
A0178	21	15.8	14	10.5	14	10.5	7	5.3
A0179	23	17.3	15	11.3	14	10.5	8	6.0
A0180	21	15.8	14	10.5	14	10.5	7	5.3
A0181	22	16.5	15	11.3	14	10.5	7	5.3
A0182	24	18.0	16	12.0	14	10.5	8	6.0
A0183	22	16.5	14	10.5	14	10.5	8	6.0
A0184	8	6.0	8	6.0	0	0.0	0	0.0
A0185	11	8.3	10	7.5	0	0.0	1	0.8
A0186	11	8.3	10	7.5	0	0.0	1	0.8
A0187	13	9.8	5	3.8	5	3.8	8	6.0
A0188	27	20.3	5	3.8	5	3.8	22	16.5
A0189	13	9.8	5	3.8	5	3.8	8	6.0
A0190	12	9.0	5	3.8	5	3.8	7	5.3
A0191	12	9.0	5	3.8	5	3.8	7	5.3
A0206	1	0.8	0	0.0	0	0.0	1	0.8
A0207	2	1.5	1	0.8	0	0.0	1	0.8
A0208	2	1.5	1	0.8	0	0.0	1	0.8
A0209	1	0.8	0	0.0	0	0.0	1	0.8
A0210	1	0.8	0	0.0	0	0.0	1	0.8
A0211	2	1.5	0	0.0	0	0.0	2	1.5

See notes at end of table.

Table R-4. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school principal data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
A0212	1	0.8	0	0.0	0	0.0	1	0.8
A0213	2	1.5	1	0.8	0	0.0	1	0.8
A0214	1	0.8	0	0.0	0	0.0	1	0.8
A0215	1	0.8	1	0.8	0	0.0	0	0.0
A0216	3	2.3	0	0.0	0	0.0	3	2.3
A0217	0	0.0	0	0.0	0	0.0	0	0.0
A0225	2	1.5	0	0.0	0	0.0	2	1.5
A0226	4	3.0	0	0.0	0	0.0	4	3.0
A0227	43	32.3	0	0.0	0	0.0	43	32.3
A0228	1	0.8	0	0.0	0	0.0	1	0.8
A0229	4	3.0	0	0.0	0	0.0	4	3.0
A0230	2	1.5	0	0.0	0	0.0	2	1.5
A0231	2	1.5	0	0.0	0	0.0	2	1.5
A0232	4	3.0	0	0.0	0	0.0	4	3.0
A0233	3	2.3	0	0.0	0	0.0	3	2.3
A0234	2	1.5	0	0.0	0	0.0	2	1.5
A0235	2	1.5	0	0.0	0	0.0	2	1.5
A0240	0	0.0	0	0.0	0	0.0	0	0.0
A0241	0	0.0	0	0.0	0	0.0	0	0.0
A0242	6	4.5	0	0.0	0	0.0	6	4.5
A0243	6	4.5	0	0.0	0	0.0	6	4.5
A0244	6	4.5	0	0.0	0	0.0	6	4.5
A0245	6	4.5	0	0.0	0	0.0	6	4.5
A0246	6	4.5	0	0.0	0	0.0	6	4.5
A0247	1	0.8	0	0.0	0	0.0	1	0.8
A0248	1	0.8	0	0.0	0	0.0	1	0.8
A0249	6	4.5	0	0.0	0	0.0	6	4.5
A0250	0	0.0	0	0.0	0	0.0	0	0.0
A0251	0	0.0	0	0.0	0	0.0	0	0.0
A0252	0	0.0	0	0.0	0	0.0	0	0.0
A0253	0	0.0	0	0.0	0	0.0	0	0.0

NOTE: BIE refers to the Bureau of Indian Education.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “BIE School Principal Restricted Use Data File,” 2007–08.

Table R-5. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0025	16	0.2	16	0.2	0	0.0	0	0.0
S0026	16	0.2	16	0.2	0	0.0	0	0.0
S0027	16	0.2	16	0.2	0	0.0	0	0.0
S0028	18	0.2	18	0.2	0	0.0	0	0.0
S0029	18	0.2	18	0.2	0	0.0	0	0.0
S0030	18	0.2	18	0.2	0	0.0	0	0.0
S0031	17	0.2	17	0.2	0	0.0	0	0.0
S0032	8	0.1	8	0.1	0	0.0	0	0.0
S0033	7	0.1	7	0.1	0	0.0	0	0.0
S0034	9	0.1	9	0.1	0	0.0	0	0.0
S0035	9	0.1	9	0.1	0	0.0	0	0.0
S0036	9	0.1	9	0.1	0	0.0	0	0.0
S0037	9	0.1	9	0.1	0	0.0	0	0.0
S0038	0	0.0	0	0.0	0	0.0	0	0.0
S0039	0	0.0	0	0.0	0	0.0	0	0.0
S0040	441	5.8	139	1.8	0	0.0	302	4.0
S0041	731	9.7	0	0.0	0	0.0	731	9.7
S0042	1,379	18.2	1,213	16.0	691	9.1	166	2.2
S0043	1,929	25.5	1,743	23.0	1,198	15.8	186	2.5
S0044	1,412	18.6	1,231	16.3	684	9.0	181	2.4
S0045	1,052	13.9	885	11.7	355	4.7	167	2.2
S0046	902	11.9	747	9.9	215	2.8	155	2.0
S0047	121	1.6	91	1.2	0	0.0	30	0.4
S0048	84	1.1	84	1.1	0	0.0	0	0.0
S0049	111	1.5	93	1.2	0	0.0	18	0.2
S0050	1,135	15.0	0	0.0	0	0.0	1,135	15.0
S0051	251	3.3	0	0.0	0	0.0	251	3.3
S0052	251	3.3	0	0.0	0	0.0	251	3.3
S0053	97	1.3	0	0.0	0	0.0	97	1.3
S0054	95	1.3	0	0.0	0	0.0	95	1.3
S0055	283	3.7	0	0.0	0	0.0	283	3.7
S0056	53	0.7	7	0.1	0	0.0	46	0.6
S0057	90	1.2	0	0.0	0	0.0	90	1.2
S0058	102	1.3	0	0.0	0	0.0	102	1.3
S0059	72	1.0	0	0.0	0	0.0	72	1.0
S0060	217	2.9	0	0.0	0	0.0	217	2.9
S0061	180	2.4	0	0.0	0	0.0	180	2.4
S0062	29	0.4	0	0.0	0	0.0	29	0.4
S0070	58	0.8	1	0.0	0	0.0	57	0.8
S0071	94	1.2	72	1.0	0	0.0	22	0.3

See notes at end of table.

Table R-5. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0072	99	1.3	74	1.0	0	0.0	25	0.3
S0073	80	1.1	55	0.7	0	0.0	25	0.3
S0074	64	0.8	41	0.5	0	0.0	23	0.3
S0075	117	1.5	92	1.2	0	0.0	25	0.3
S0076	99	1.3	73	1.0	0	0.0	26	0.3
S0077	102	1.3	77	1.0	0	0.0	25	0.3
S0078	79	1.0	70	0.9	0	0.0	9	0.1
S0079	14	0.2	0	0.0	0	0.0	14	0.2
S0080	27	0.4	0	0.0	0	0.0	27	0.4
S0081	210	2.8	51	0.7	0	0.0	159	2.1
S0082	185	2.4	22	0.3	0	0.0	163	2.2
S0083	193	2.5	41	0.5	0	0.0	152	2.0
S0084	95	1.3	28	0.4	0	0.0	67	0.9
S0085	120	1.6	55	0.7	0	0.0	65	0.9
S0086	192	2.5	144	1.9	0	0.0	48	0.6
S0087	180	2.4	25	0.3	0	0.0	155	2.0
S0088	140	1.8	70	0.9	0	0.0	70	0.9
S0089	119	1.6	0	0.0	0	0.0	119	1.6
S0090	179	2.4	0	0.0	0	0.0	179	2.4
S0091	150	2.0	0	0.0	0	0.0	150	2.0
S0092	75	1.0	0	0.0	0	0.0	75	1.0
S0100	142	1.9	39	0.5	0	0.0	103	1.4
S0101	250	3.3	157	2.1	0	0.0	93	1.2
S0102	222	2.9	135	1.8	0	0.0	87	1.1
S0103	248	3.3	154	2.0	0	0.0	94	1.2
S0104	223	2.9	132	1.7	0	0.0	91	1.2
S0105	84	1.1	0	0.0	0	0.0	84	1.1
S0106	16	0.2	0	0.0	0	0.0	16	0.2
S0107	8	0.1	8	0.1	0	0.0	0	0.0
S0108	294	3.9	48	0.6	0	0.0	246	3.2
S0109	268	3.5	19	0.3	0	0.0	249	3.3
S0110	293	3.9	44	0.6	0	0.0	249	3.3
S0111	318	4.2	70	0.9	0	0.0	248	3.3
S0112	248	3.3	0	0.0	0	0.0	248	3.3
S0113	442	5.8	0	0.0	0	0.0	442	5.8
S0114	536	7.1	0	0.0	0	0.0	536	7.1
S0120	190	2.5	158	2.1	0	0.0	32	0.4
S0121	126	1.7	97	1.3	0	0.0	29	0.4
S0122	583	7.7	248	3.3	199	2.6	335	4.4
S0123	1,650	21.8	1,259	16.6	978	12.9	391	5.2

See notes at end of table.

Table R-5. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0124	663	8.8	333	4.4	109	1.4	330	4.4
S0125	517	6.8	206	2.7	38	0.5	311	4.1
S0126	518	6.8	234	3.1	46	0.6	284	3.8
S0127	1,149	15.2	1,143	15.1	0	0.0	6	0.1
S0128	266	3.5	35	0.5	0	0.0	231	3.1
S0129	915	12.1	869	11.5	0	0.0	46	0.6
S0130	386	5.1	30	0.4	0	0.0	356	4.7
S0131	1,112	14.7	1,101	14.5	0	0.0	11	0.1
S0132	644	8.5	242	3.2	0	0.0	402	5.3
S0133	1,005	13.3	994	13.1	0	0.0	11	0.1
S0134	156	2.1	106	1.4	0	0.0	50	0.7
S0135	75	1.0	72	1.0	0	0.0	3	0.0
S0136	345	4.6	267	3.5	0	0.0	78	1.0
S0137	198	2.6	188	2.5	0	0.0	10	0.1
S0138	79	1.0	0	0.0	0	0.0	79	1.0
S0139	233	3.1	17	0.2	0	0.0	216	2.9
S0140	80	1.1	0	0.0	0	0.0	80	1.1
S0141	668	8.8	17	0.2	0	0.0	651	8.6
S0142	73	1.0	0	0.0	0	0.0	73	1.0
S0143	405	5.3	17	0.2	0	0.0	388	5.1
S0144	76	1.0	0	0.0	0	0.0	76	1.0
S0145	186	2.5	17	0.2	0	0.0	169	2.2
S0146	92	1.2	0	0.0	0	0.0	92	1.2
S0147	1,021	13.5	17	0.2	0	0.0	1,004	13.3
S0148	166	2.2	0	0.0	0	0.0	166	2.2
S0149	838	11.1	17	0.2	0	0.0	821	10.8
S0150	170	2.2	0	0.0	0	0.0	170	2.2
S0151	379	5.0	23	0.3	0	0.0	356	4.7
S0152	197	2.6	0	0.0	0	0.0	197	2.6
S0153	250	3.3	23	0.3	0	0.0	227	3.0
S0154	183	2.4	0	0.0	0	0.0	183	2.4
S0155	765	10.1	23	0.3	0	0.0	742	9.8
S0156	112	1.5	0	0.0	0	0.0	112	1.5
S0157	264	3.5	23	0.3	0	0.0	241	3.2
S0158	106	1.4	0	0.0	0	0.0	106	1.4
S0159	443	5.9	23	0.3	0	0.0	420	5.5
S0160	186	2.5	0	0.0	0	0.0	186	2.5
S0161	665	8.8	23	0.3	0	0.0	642	8.5
S0162	182	2.4	0	0.0	0	0.0	182	2.4
S0163	831	11.0	23	0.3	0	0.0	808	10.7

See notes at end of table.

Table R-5. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0164	200	2.6	10	0.1	0	0.0	190	2.5
S0165	57	0.8	23	0.3	0	0.0	34	0.4
S0166	198	2.6	0	0.0	0	0.0	198	2.6
S0167	205	2.7	22	0.3	0	0.0	183	2.4
S0168	200	2.6	0	0.0	0	0.0	200	2.6
S0169	89	1.2	23	0.3	0	0.0	66	0.9
S0170	188	2.5	0	0.0	0	0.0	188	2.5
S0171	1,073	14.2	23	0.3	0	0.0	1,050	13.9
S0172	215	2.8	6	0.1	0	0.0	209	2.8
S0173	239	3.2	39	0.5	0	0.0	200	2.6
S0174	260	3.4	61	0.8	0	0.0	199	2.6
S0175	223	2.9	10	0.1	0	0.0	213	2.8
S0176	260	3.4	49	0.6	0	0.0	211	2.8
S0177	283	3.7	71	0.9	0	0.0	212	2.8
S0178	307	4.1	0	0.0	0	0.0	307	4.1
S0179	191	2.5	0	0.0	0	0.0	191	2.5
S0180	388	5.1	60	0.8	0	0.0	328	4.3
S0181	505	6.7	0	0.0	0	0.0	505	6.7
S0182	555	7.3	0	0.0	0	0.0	555	7.3
S0183	579	7.6	0	0.0	0	0.0	579	7.6
S0184	658	8.7	0	0.0	0	0.0	658	8.7
S0185	541	7.1	0	0.0	0	0.0	541	7.1
S0186	603	8.0	0	0.0	0	0.0	603	8.0
S0187	624	8.2	0	0.0	0	0.0	624	8.2
S0188	628	8.3	198	2.6	0	0.0	430	5.7
S0189	599	7.9	0	0.0	0	0.0	599	7.9
S0190	561	7.4	0	0.0	0	0.0	561	7.4
S0191	435	5.7	43	0.6	0	0.0	392	5.2
S0192	304	4.0	0	0.0	0	0.0	304	4.0
S0193	297	3.9	0	0.0	0	0.0	297	3.9
S0200	122	1.6	0	0.0	0	0.0	122	1.6
S0201	560	7.4	56	0.7	0	0.0	504	6.7
S0202	389	5.1	369	4.9	0	0.0	20	0.3
S0203	1,768	23.3	738	9.7	609	8.0	1,030	13.6
S0204	1,700	22.5	712	9.4	536	7.1	988	13.0
S0205	1,579	20.9	527	7.0	447	5.9	1,052	13.9
S0206	1,481	19.6	428	5.7	388	5.1	1,053	13.9
S0207	352	4.6	164	2.2	0	0.0	188	2.5
S0208	568	7.5	0	0.0	0	0.0	568	7.5
S0209	378	5.0	0	0.0	0	0.0	378	5.0

See notes at end of table.

Table R-5. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0210	319	4.2	0	0.0	0	0.0	319	4.2
S0211	333	4.4	7	0.1	0	0.0	326	4.3
S0212	426	5.6	35	0.5	0	0.0	391	5.2
S0213	240	3.2	187	2.5	0	0.0	53	0.7
S0214	364	4.8	0	0.0	0	0.0	364	4.8
S0215	168	2.2	153	2.0	0	0.0	15	0.2
S0216	431	5.7	99	1.3	0	0.0	332	4.4
S0217	1,385	18.3	3	0.0	0	0.0	1,382	18.3
S0218	620	8.2	466	6.2	0	0.0	154	2.0
S0219	676	8.9	492	6.5	0	0.0	184	2.4
S0220	179	2.4	91	1.2	0	0.0	88	1.2
S0221	433	5.7	306	4.0	0	0.0	127	1.7
S0222	42	0.6	0	0.0	0	0.0	42	0.6
S0223	600	7.9	2	0.0	0	0.0	598	7.9
S0224	625	8.3	27	0.4	0	0.0	598	7.9
S0225	682	9.0	122	1.6	0	0.0	560	7.4
S0226	733	9.7	0	0.0	0	0.0	733	9.7
S0230	355	4.7	334	4.4	0	0.0	21	0.3
S0231	46	0.6	0	0.0	0	0.0	46	0.6
S0232	68	0.9	0	0.0	0	0.0	68	0.9
S0233	32	0.4	0	0.0	0	0.0	32	0.4
S0234	36	0.5	0	0.0	0	0.0	36	0.5
S0235	0	0.0	0	0.0	0	0.0	0	0.0
S0236	0	0.0	0	0.0	0	0.0	0	0.0
S0237	0	0.0	0	0.0	0	0.0	0	0.0
S0238	0	0.0	0	0.0	0	0.0	0	0.0
S5048	0	0.0	0	0.0	0	0.0	0	0.0
S5234 ¹	16	0.2	0	0.0	0	0.0	16	0.2

¹ The variable S5234 is the write-in variable corresponding to item 48c on the School Questionnaire and is an exception to the general rule of not imputing write-in items. It was imputed with a blank response when a school indicated that it was a public charter school but was located in a state that does not have any charter schools. For these cases, Census staff deleted data from items asked of charter schools in the Charter Schools and Homeschooling section so that they were no longer identified as charter schools. All data items that were altered (data changed or blanked out) were assigned a flag of f_(sourcecode) = 9, indicating that data had been imputed/altered during analysis data review.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Public School Restricted Use Data File," 2007–08.

Table R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0041	256	13.0	256	13.0	0	0.0	0	0.0
S0042	946	48.1	946	48.1	762	38.7	0	0.0
S0043	1,027	52.2	1,027	52.2	849	43.1	0	0.0
S0044	961	48.8	961	48.8	777	39.5	0	0.0
S0045	890	45.2	890	45.2	696	35.4	0	0.0
S0046	527	26.8	527	26.8	243	12.3	0	0.0
S0047	1,128	57.3	1,128	57.3	866	44.0	0	0.0
S0048	38	1.9	38	1.9	0	0.0	0	0.0
S0049	22	1.1	19	1.0	0	0.0	3	0.2
S0050	244	12.4	0	0.0	0	0.0	244	12.4
S0051	58	2.9	58	2.9	0	0.0	0	0.0
S0052	58	2.9	58	2.9	0	0.0	0	0.0
S0053	28	1.4	0	0.0	0	0.0	28	1.4
S0054	28	1.4	0	0.0	0	0.0	28	1.4
S0055	114	5.8	114	5.8	0	0.0	0	0.0
S0056	1	0.1	0	0.0	0	0.0	1	0.1
S0057	19	1.0	19	1.0	0	0.0	0	0.0
S0058	34	1.7	34	1.7	0	0.0	0	0.0
S0059	19	1.0	0	0.0	0	0.0	19	1.0
S0060	53	2.7	0	0.0	0	0.0	53	2.7
S0061	54	2.7	0	0.0	0	0.0	54	2.7
S0062	31	1.6	31	1.6	0	0.0	0	0.0
S0070	18	0.9	0	0.0	0	0.0	18	0.9
S0071	123	6.3	97	4.9	0	0.0	26	1.3
S0072	161	8.2	135	6.9	0	0.0	26	1.3
S0073	100	5.1	74	3.8	0	0.0	26	1.3
S0074	153	7.8	135	6.9	0	0.0	18	0.9
S0075	188	9.6	162	8.2	0	0.0	26	1.3
S0076	85	4.3	59	3.0	0	0.0	26	1.3
S0077	133	6.8	107	5.4	0	0.0	26	1.3
S0081	164	8.3	20	1.0	0	0.0	144	7.3
S0082	173	8.8	15	0.8	0	0.0	158	8.0
S0083	166	8.4	12	0.6	0	0.0	154	7.8
S0084	35	1.8	9	0.5	0	0.0	26	1.3
S0085	29	1.5	12	0.6	0	0.0	17	0.9
S0086	73	3.7	71	3.6	0	0.0	2	0.1
S0087	63	3.2	20	1.0	0	0.0	43	2.2
S0088	48	2.4	7	0.4	0	0.0	41	2.1
S0089	50	2.5	0	0.0	0	0.0	50	2.5
S0091	54	2.7	0	0.0	0	0.0	54	2.7

See notes at end of table.

Table R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0100	69	3.5	37	1.9	0	0.0	32	1.6
S0101	163	8.3	132	6.7	0	0.0	31	1.6
S0102	146	7.4	116	5.9	0	0.0	30	1.5
S0103	134	6.8	105	5.3	0	0.0	29	1.5
S0104	159	8.1	128	6.5	0	0.0	31	1.6
S0105	30	1.5	0	0.0	0	0.0	30	1.5
S0106	10	0.5	0	0.0	0	0.0	10	0.5
S0107	0	0.0	0	0.0	0	0.0	0	0.0
S0108	85	4.3	2	0.1	0	0.0	83	4.2
S0109	92	4.7	6	0.3	0	0.0	86	4.4
S0110	84	4.3	3	0.2	0	0.0	81	4.1
S0111	87	4.4	5	0.3	0	0.0	82	4.2
S0112	3	0.2	3	0.2	0	0.0	0	0.0
S0114	40	2.0	40	2.0	0	0.0	0	0.0
S0120	35	1.8	35	1.8	0	0.0	0	0.0
S0122	197	10.0	84	4.3	80	4.1	113	5.7
S0123	267	13.6	153	7.8	142	7.2	114	5.8
S0124	181	9.2	62	3.2	57	2.9	119	6.0
S0125	171	8.7	55	2.8	46	2.3	116	5.9
S0126	148	7.5	26	1.3	15	0.8	122	6.2
S0127	85	4.3	85	4.3	0	0.0	0	0.0
S0128	79	4.0	21	1.1	0	0.0	58	2.9
S0129	375	19.1	324	16.5	0	0.0	51	2.6
S0130	145	7.4	85	4.3	0	0.0	60	3.0
S0131	375	19.1	325	16.5	0	0.0	50	2.5
S0132	118	6.0	61	3.1	0	0.0	57	2.9
S0133	376	19.1	282	14.3	0	0.0	94	4.8
S0134	105	5.3	57	2.9	0	0.0	48	2.4
S0135	304	15.4	241	12.2	0	0.0	63	3.2
S0136	152	7.7	73	3.7	0	0.0	79	4.0
S0137	356	18.1	271	13.8	0	0.0	85	4.3
S0138	56	2.8	0	0.0	0	0.0	56	2.8
S0139	270	13.7	180	9.1	0	0.0	90	4.6
S0140	55	2.8	0	0.0	0	0.0	55	2.8
S0141	344	17.5	247	12.6	0	0.0	97	4.9
S0142	53	2.7	0	0.0	0	0.0	53	2.7
S0143	346	17.6	247	12.6	0	0.0	99	5.0
S0144	54	2.7	0	0.0	0	0.0	54	2.7
S0145	334	17.0	241	12.2	0	0.0	93	4.7
S0146	62	3.2	1	0.1	0	0.0	61	3.1

See notes at end of table.

Table R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0147	317	16.1	220	11.2	0	0.0	97	4.9
S0148	61	3.1	0	0.0	0	0.0	61	3.1
S0149	296	15.0	244	12.4	0	0.0	52	2.6
S0150	67	3.4	0	0.0	0	0.0	67	3.4
S0151	318	16.2	271	13.8	0	0.0	47	2.4
S0152	69	3.5	0	0.0	0	0.0	69	3.5
S0153	291	14.8	243	12.3	0	0.0	48	2.4
S0154	68	3.5	0	0.0	0	0.0	68	3.5
S0155	330	16.8	282	14.3	0	0.0	48	2.4
S0156	45	2.3	0	0.0	0	0.0	45	2.3
S0157	238	12.1	200	10.2	0	0.0	38	1.9
S0158	45	2.3	0	0.0	0	0.0	45	2.3
S0159	253	12.9	215	10.9	0	0.0	38	1.9
S0160	61	3.1	0	0.0	0	0.0	61	3.1
S0161	254	12.9	202	10.3	0	0.0	52	2.6
S0162	65	3.3	0	0.0	0	0.0	65	3.3
S0163	314	16.0	266	13.5	0	0.0	48	2.4
S0164	63	3.2	15	0.8	0	0.0	48	2.4
S0165	110	5.6	60	3.0	0	0.0	50	2.5
S0166	65	3.3	0	0.0	0	0.0	65	3.3
S0167	211	10.7	160	8.1	0	0.0	51	2.6
S0168	61	3.1	0	0.0	0	0.0	61	3.1
S0169	139	7.1	88	4.5	0	0.0	51	2.6
S0170	76	3.9	17	0.9	0	0.0	59	3.0
S0171	305	15.5	257	13.1	0	0.0	48	2.4
S0172	65	3.3	8	0.4	0	0.0	57	2.9
S0173	68	3.5	10	0.5	0	0.0	58	2.9
S0174	76	3.9	16	0.8	0	0.0	60	3.0
S0175	72	3.7	3	0.2	0	0.0	69	3.5
S0176	74	3.8	3	0.2	0	0.0	71	3.6
S0177	77	3.9	6	0.3	0	0.0	71	3.6
S0178	72	3.7	0	0.0	0	0.0	72	3.7
S0179	69	3.5	0	0.0	0	0.0	69	3.5
S0180	94	4.8	15	0.8	0	0.0	79	4.0
S0181	179	9.1	0	0.0	0	0.0	179	9.1
S0182	169	8.6	0	0.0	0	0.0	169	8.6
S0183	173	8.8	0	0.0	0	0.0	173	8.8
S0184	177	9.0	0	0.0	0	0.0	177	9.0
S0185	167	8.5	0	0.0	0	0.0	167	8.5
S0186	165	8.4	0	0.0	0	0.0	165	8.4

See notes at end of table.

Table R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0187	184	9.3	0	0.0	0	0.0	184	9.3
S0188	197	10.0	117	5.9	0	0.0	80	4.1
S0189	167	8.5	0	0.0	0	0.0	167	8.5
S0190	176	8.9	0	0.0	0	0.0	176	8.9
S0191	169	8.6	8	0.4	0	0.0	161	8.2
S0192	78	4.0	0	0.0	0	0.0	78	4.0
S0193	62	3.2	0	0.0	0	0.0	62	3.2
S0200	110	5.6	40	2.0	0	0.0	70	3.6
S0201	111	5.6	19	1.0	0	0.0	92	4.7
S0202	185	9.4	181	9.2	0	0.0	4	0.2
S0203	200	10.2	47	2.4	28	1.4	153	7.8
S0204	156	7.9	22	1.1	20	1.0	134	6.8
S0205	147	7.5	11	0.6	8	0.4	136	6.9
S0206	146	7.4	10	0.5	5	0.3	136	6.9
S0207	72	3.7	4	0.2	0	0.0	68	3.5
S0208	30	1.5	0	0.0	0	0.0	30	1.5
S0209	20	1.0	0	0.0	0	0.0	20	1.0
S0210	24	1.2	0	0.0	0	0.0	24	1.2
S0211	98	5.0	0	0.0	0	0.0	98	5.0
S0212	118	6.0	1	0.1	0	0.0	117	5.9
S0215	47	2.4	2	0.1	0	0.0	45	2.3
S0216	70	3.6	5	0.3	0	0.0	65	3.3
S0217	89	4.5	0	0.0	0	0.0	89	4.5
S0218	105	5.3	57	2.9	0	0.0	48	2.4
S0219	97	4.9	50	2.5	0	0.0	47	2.4
S0220	1	0.1	0	0.0	0	0.0	1	0.1
S0221	17	0.9	15	0.8	0	0.0	2	0.1
S0222	20	1.0	8	0.4	0	0.0	12	0.6
S0223	12	0.6	3	0.2	0	0.0	9	0.5
S0224	14	0.7	5	0.3	0	0.0	9	0.5
S0225	29	1.5	20	1.0	0	0.0	9	0.5
S0235	0	0.0	0	0.0	0	0.0	0	0.0
S0236	0	0.0	0	0.0	0	0.0	0	0.0
S0237	0	0.0	0	0.0	0	0.0	0	0.0
S0238	0	0.0	0	0.0	0	0.0	0	0.0

See notes at end of table.

Table R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0297	188	9.6	0	0.0	0	0.0	188	9.6
S0315	91	4.6	0	0.0	0	0.0	91	4.6
S0318	149	7.6	0	0.0	0	0.0	149	7.6
S0319	253	12.9	0	0.0	0	0.0	253	12.9
S0328	110	5.6	0	0.0	0	0.0	110	5.6
S0329	221	11.2	0	0.0	0	0.0	221	11.2
S0330	295	15.0	0	0.0	0	0.0	295	15.0
S0331	315	16.0	0	0.0	0	0.0	315	16.0
S0332	324	16.5	0	0.0	0	0.0	324	16.5
S0333	333	16.9	0	0.0	0	0.0	333	16.9
S0334	214	10.9	21	1.1	0	0.0	193	9.8
S0335	341	17.3	0	0.0	0	0.0	341	17.3
S0336	355	18.0	0	0.0	0	0.0	355	18.0
S0337	69	3.5	1	0.1	0	0.0	68	3.5
S0338	78	4.0	5	0.3	0	0.0	73	3.7
S0339	104	5.3	6	0.3	0	0.0	98	5.0
S0340	154	7.8	14	0.7	0	0.0	140	7.1
S0341	145	7.4	13	0.7	0	0.0	132	6.7
S0342	232	11.8	0	0.0	0	0.0	232	11.8
S0343	168	8.5	38	1.9	0	0.0	130	6.6
S0344	154	7.8	39	2.0	0	0.0	115	5.8
S0345	159	8.1	38	1.9	0	0.0	121	6.1
S0346	151	7.7	39	2.0	0	0.0	112	5.7
S0347	116	5.9	12	0.6	0	0.0	104	5.3
S0348	115	5.8	7	0.4	0	0.0	108	5.5
S0349	107	5.4	9	0.5	0	0.0	98	5.0
S0350	113	5.7	7	0.4	0	0.0	106	5.4
S0370	23	1.2	23	1.2	0	0.0	0	0.0
S0371	48	2.4	2	0.1	0	0.0	46	2.3
S0372	49	2.5	3	0.2	0	0.0	46	2.3
S0373	85	4.3	32	1.6	0	0.0	53	2.7
S0374	49	2.5	4	0.2	0	0.0	45	2.3
S0375	51	2.6	4	0.2	0	0.0	47	2.4
S0376	51	2.6	6	0.3	0	0.0	45	2.3
S0377	27	1.4	0	0.0	0	0.0	27	1.4
S0378	28	1.4	0	0.0	0	0.0	28	1.4
S0400	6	0.3	6	0.3	0	0.0	0	0.0
S0401	7	0.4	7	0.4	0	0.0	0	0.0
S0402	4	0.2	4	0.2	0	0.0	0	0.0
S0403	9	0.5	9	0.5	0	0.0	0	0.0

See notes at end of table.

Table R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0404	4	0.2	4	0.2	0	0.0	0	0.0
S0405	4	0.2	4	0.2	0	0.0	0	0.0
S0406	7	0.4	7	0.4	0	0.0	0	0.0
S0407	7	0.4	7	0.4	0	0.0	0	0.0
S0408	8	0.4	8	0.4	0	0.0	0	0.0
S0409	9	0.5	9	0.5	0	0.0	0	0.0
S0410	4	0.2	4	0.2	0	0.0	0	0.0
S0411	16	0.8	16	0.8	0	0.0	0	0.0
S0412	4	0.2	4	0.2	0	0.0	0	0.0
S0413	16	0.8	16	0.8	0	0.0	0	0.0
S0414	5	0.3	5	0.3	0	0.0	0	0.0
S0415	17	0.9	17	0.9	0	0.0	0	0.0
S0416	3	0.2	3	0.2	0	0.0	0	0.0
S0417	16	0.8	16	0.8	0	0.0	0	0.0
S0418	3	0.2	3	0.2	0	0.0	0	0.0
S0419	16	0.8	16	0.8	0	0.0	0	0.0
S0420	5	0.3	5	0.3	0	0.0	0	0.0
S0421	15	0.8	15	0.8	0	0.0	0	0.0
S0422	3	0.2	3	0.2	0	0.0	0	0.0
S0423	13	0.7	13	0.7	0	0.0	0	0.0
S0424	4	0.2	4	0.2	0	0.0	0	0.0
S0425	15	0.8	15	0.8	0	0.0	0	0.0
S0426	6	0.3	6	0.3	0	0.0	0	0.0
S0427	18	0.9	18	0.9	0	0.0	0	0.0
S0428	6	0.3	6	0.3	0	0.0	0	0.0
S0429	16	0.8	16	0.8	0	0.0	0	0.0
S0430	5	0.3	5	0.3	0	0.0	0	0.0
S0431	16	0.8	16	0.8	0	0.0	0	0.0
S0432	7	0.4	7	0.4	0	0.0	0	0.0
S0433	13	0.7	13	0.7	0	0.0	0	0.0
S0434	8	0.4	8	0.4	0	0.0	0	0.0
S0435	13	0.7	13	0.7	0	0.0	0	0.0
S0436	24	1.2	24	1.2	0	0.0	0	0.0
S0437	5	0.3	5	0.3	0	0.0	0	0.0
S0438	2	0.1	2	0.1	0	0.0	0	0.0
S0439	14	0.7	14	0.7	0	0.0	0	0.0
S0440	5	0.3	5	0.3	0	0.0	0	0.0
S0441	47	2.4	47	2.4	0	0.0	0	0.0
S0442	16	0.8	16	0.8	0	0.0	0	0.0
S0443	0	0.0	0	0.0	0	0.0	0	0.0

See notes at end of table.

Table R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0444	1	0.1	1	0.1	0	0.0	0	0.0
S0445	5	0.3	5	0.3	0	0.0	0	0.0
S0446	0	0.0	0	0.0	0	0.0	0	0.0
S0447	0	0.0	0	0.0	0	0.0	0	0.0
S0448	0	0.0	0	0.0	0	0.0	0	0.0
S0449	1	0.1	1	0.1	0	0.0	0	0.0
S0450	0	0.0	0	0.0	0	0.0	0	0.0
S0451	1	0.1	1	0.1	0	0.0	0	0.0
S0452	2	0.1	2	0.1	0	0.0	0	0.0
S0453	0	0.0	0	0.0	0	0.0	0	0.0
S0454	0	0.0	0	0.0	0	0.0	0	0.0
S0455	13	0.7	13	0.7	0	0.0	0	0.0
S0456	0	0.0	0	0.0	0	0.0	0	0.0
S0457	4	0.2	4	0.2	0	0.0	0	0.0
S0458	0	0.0	0	0.0	0	0.0	0	0.0
S0459	0	0.0	0	0.0	0	0.0	0	0.0
S0460	0	0.0	0	0.0	0	0.0	0	0.0
S0461	0	0.0	0	0.0	0	0.0	0	0.0
S0462	0	0.0	0	0.0	0	0.0	0	0.0
S0463	0	0.0	0	0.0	0	0.0	0	0.0
S0464	3	0.2	3	0.2	0	0.0	0	0.0
S0465	1	0.1	1	0.1	0	0.0	0	0.0
S0466	0	0.0	0	0.0	0	0.0	0	0.0
S0467	0	0.0	0	0.0	0	0.0	0	0.0
S0468	1	0.1	1	0.1	0	0.0	0	0.0
S0469	0	0.0	0	0.0	0	0.0	0	0.0
S0470	1	0.1	1	0.1	0	0.0	0	0.0
S0471	2	0.1	2	0.1	0	0.0	0	0.0
S0472	4	0.2	4	0.2	0	0.0	0	0.0
S0473	0	0.0	0	0.0	0	0.0	0	0.0
S0474	0	0.0	0	0.0	0	0.0	0	0.0
S0475	0	0.0	0	0.0	0	0.0	0	0.0
S0476	0	0.0	0	0.0	0	0.0	0	0.0
S0477	0	0.0	0	0.0	0	0.0	0	0.0
S0478	0	0.0	0	0.0	0	0.0	0	0.0
S0479	0	0.0	0	0.0	0	0.0	0	0.0
S0480	2	0.1	2	0.1	0	0.0	0	0.0
S0481	0	0.0	0	0.0	0	0.0	0	0.0
S0482	1	0.1	1	0.1	0	0.0	0	0.0
S0483	0	0.0	0	0.0	0	0.0	0	0.0

See notes at end of table.

Table R-6. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0484	0	0.0	0	0.0	0	0.0	0	0.0
S0485	0	0.0	0	0.0	0	0.0	0	0.0
S0500	17	0.9	0	0.0	0	0.0	17	0.9
S0501	4	0.2	0	0.0	0	0.0	4	0.2
S0502	6	0.3	0	0.0	0	0.0	6	0.3
S0503	19	1.0	0	0.0	0	0.0	19	1.0
S0504	244	12.4	0	0.0	0	0.0	244	12.4
S0505	234	11.9	0	0.0	0	0.0	234	11.9
S0506	105	5.3	0	0.0	0	0.0	105	5.3
S0507	76	3.9	0	0.0	0	0.0	76	3.9
S0508	52	2.6	0	0.0	0	0.0	52	2.6
S0509	464	23.6	0	0.0	0	0.0	464	23.6
S0510	133	6.8	107	5.4	0	0.0	26	1.3
S0515	33	1.7	33	1.7	0	0.0	0	0.0
S0516	23	1.2	23	1.2	0	0.0	0	0.0
S0520	63	3.2	63	3.2	0	0.0	0	0.0
S0521	48	2.4	48	2.4	0	0.0	0	0.0
S0522	54	2.7	54	2.7	0	0.0	0	0.0
S0523	54	2.7	54	2.7	0	0.0	0	0.0
S0524	49	2.5	49	2.5	0	0.0	0	0.0
S0525	73	3.7	58	2.9	0	0.0	15	0.8
S0526	366	18.6	288	14.6	0	0.0	78	4.0
S5048	0	0.0	0	0.0	0	0.0	0	0.0
S5440	0	0.0	0	0.0	0	0.0	0	0.0
S5462	0	0.0	0	0.0	0	0.0	0	0.0
S5478	0	0.0	0	0.0	0	0.0	0	0.0
S5485	0	0.0	0	0.0	0	0.0	0	0.0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "Private School Restricted Use Data File," 2007–08.

Table R-7. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0025	1	0.8	1	0.8	0	0.0	0	0.0
S0026	1	0.8	1	0.8	0	0.0	0	0.0
S0027	1	0.8	1	0.8	0	0.0	0	0.0
S0028	1	0.8	1	0.8	0	0.0	0	0.0
S0029	1	0.8	1	0.8	0	0.0	0	0.0
S0030	1	0.8	1	0.8	0	0.0	0	0.0
S0031	1	0.8	1	0.8	0	0.0	0	0.0
S0032	1	0.8	1	0.8	0	0.0	0	0.0
S0033	1	0.8	1	0.8	0	0.0	0	0.0
S0034	0	0.0	0	0.0	0	0.0	0	0.0
S0035	0	0.0	0	0.0	0	0.0	0	0.0
S0036	0	0.0	0	0.0	0	0.0	0	0.0
S0037	0	0.0	0	0.0	0	0.0	0	0.0
S0038	0	0.0	0	0.0	0	0.0	0	0.0
S0039	0	0.0	0	0.0	0	0.0	0	0.0
S0040	12	9.2	0	0.0	0	0.0	12	9.2
S0041	24	18.3	0	0.0	0	0.0	24	18.3
S0042	8	6.1	8	6.1	0	0.0	0	0.0
S0043	8	6.1	8	6.1	0	0.0	0	0.0
S0044	8	6.1	8	6.1	0	0.0	0	0.0
S0045	8	6.1	8	6.1	0	0.0	0	0.0
S0046	12	9.2	12	9.2	0	0.0	0	0.0
S0047	3	2.3	3	2.3	0	0.0	0	0.0
S0048	2	1.5	2	1.5	0	0.0	0	0.0
S0049	4	3.1	4	3.1	0	0.0	0	0.0
S0050	22	16.8	0	0.0	0	0.0	22	16.8
S0051	12	9.2	0	0.0	0	0.0	12	9.2
S0052	12	9.2	0	0.0	0	0.0	12	9.2
S0053	3	2.3	0	0.0	0	0.0	3	2.3
S0054	3	2.3	0	0.0	0	0.0	3	2.3
S0055	7	5.3	0	0.0	0	0.0	7	5.3
S0056	1	0.8	1	0.8	0	0.0	0	0.0
S0057	3	2.3	0	0.0	0	0.0	3	2.3
S0058	2	1.5	0	0.0	0	0.0	2	1.5
S0059	2	1.5	0	0.0	0	0.0	2	1.5
S0060	7	5.3	0	0.0	0	0.0	7	5.3
S0061	7	5.3	0	0.0	0	0.0	7	5.3
S0062	0	0.0	0	0.0	0	0.0	0	0.0
S0070	4	3.1	0	0.0	0	0.0	4	3.1
S0071	11	8.4	0	0.0	0	0.0	11	8.4

See notes at end of table.

Table R-7. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0072	11	8.4	0	0.0	0	0.0	11	8.4
S0073	11	8.4	0	0.0	0	0.0	11	8.4
S0074	12	9.2	2	1.5	0	0.0	10	7.6
S0075	12	9.2	1	0.8	0	0.0	11	8.4
S0076	12	9.2	1	0.8	0	0.0	11	8.4
S0077	12	9.2	1	0.8	0	0.0	11	8.4
S0078	4	3.1	4	3.1	0	0.0	0	0.0
S0079	0	0.0	0	0.0	0	0.0	0	0.0
S0080	0	0.0	0	0.0	0	0.0	0	0.0
S0081	8	6.1	2	1.5	0	0.0	6	4.6
S0082	6	4.6	0	0.0	0	0.0	6	4.6
S0083	6	4.6	0	0.0	0	0.0	6	4.6
S0084	5	3.8	2	1.5	0	0.0	3	2.3
S0085	4	3.1	1	0.8	0	0.0	3	2.3
S0086	7	5.3	7	5.3	0	0.0	0	0.0
S0087	7	5.3	0	0.0	0	0.0	7	5.3
S0088	5	3.8	0	0.0	0	0.0	5	3.8
S0089	5	3.8	0	0.0	0	0.0	5	3.8
S0090	6	4.6	0	0.0	0	0.0	6	4.6
S0091	6	4.6	0	0.0	0	0.0	6	4.6
S0092	3	2.3	0	0.0	0	0.0	3	2.3
S0095	3	2.3	0	0.0	0	0.0	3	2.3
S0100	4	3.1	0	0.0	0	0.0	4	3.1
S0101	4	3.1	0	0.0	0	0.0	4	3.1
S0102	6	4.6	3	2.3	0	0.0	3	2.3
S0103	5	3.8	2	1.5	0	0.0	3	2.3
S0104	2	1.5	0	0.0	0	0.0	2	1.5
S0105	4	3.1	0	0.0	0	0.0	4	3.1
S0106	1	0.8	0	0.0	0	0.0	1	0.8
S0107	1	0.8	1	0.8	0	0.0	0	0.0
S0108	7	5.3	1	0.8	0	0.0	6	4.6
S0109	7	5.3	1	0.8	0	0.0	6	4.6
S0110	8	6.1	2	1.5	0	0.0	6	4.6
S0111	6	4.6	0	0.0	0	0.0	6	4.6
S0112	12	9.2	0	0.0	0	0.0	12	9.2
S0113	4	3.1	0	0.0	0	0.0	4	3.1
S0114	6	4.6	0	0.0	0	0.0	6	4.6
S0120	2	1.5	2	1.5	0	0.0	0	0.0
S0121	1	0.8	1	0.8	0	0.0	0	0.0
S0122	5	3.8	1	0.8	1	0.8	4	3.1

See notes at end of table.

Table R-7. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0123	28	21.4	22	16.8	22	16.8	6	4.6
S0124	9	6.9	5	3.8	3	2.3	4	3.1
S0125	9	6.9	4	3.1	4	3.1	5	3.8
S0126	26	19.8	20	15.3	10	7.6	6	4.6
S0127	29	22.1	29	22.1	0	0.0	0	0.0
S0128	6	4.6	0	0.0	0	0.0	6	4.6
S0129	8	6.1	4	3.1	0	0.0	4	3.1
S0130	9	6.9	0	0.0	0	0.0	9	6.9
S0131	7	5.3	7	5.3	0	0.0	0	0.0
S0132	5	3.8	4	3.1	0	0.0	1	0.8
S0133	8	6.1	7	5.3	0	0.0	1	0.8
S0134	3	2.3	2	1.5	0	0.0	1	0.8
S0135	0	0.0	0	0.0	0	0.0	0	0.0
S0136	4	3.1	2	1.5	0	0.0	2	1.5
S0137	5	3.8	4	3.1	0	0.0	1	0.8
S0138	1	0.8	0	0.0	0	0.0	1	0.8
S0139	13	9.9	0	0.0	0	0.0	13	9.9
S0140	1	0.8	0	0.0	0	0.0	1	0.8
S0141	20	15.3	0	0.0	0	0.0	20	15.3
S0142	2	1.5	0	0.0	0	0.0	2	1.5
S0143	13	9.9	0	0.0	0	0.0	13	9.9
S0144	2	1.5	0	0.0	0	0.0	2	1.5
S0145	7	5.3	0	0.0	0	0.0	7	5.3
S0146	2	1.5	0	0.0	0	0.0	2	1.5
S0147	17	13.0	0	0.0	0	0.0	17	13.0
S0148	2	1.5	0	0.0	0	0.0	2	1.5
S0149	9	6.9	0	0.0	0	0.0	9	6.9
S0150	2	1.5	0	0.0	0	0.0	2	1.5
S0151	9	6.9	0	0.0	0	0.0	9	6.9
S0152	2	1.5	0	0.0	0	0.0	2	1.5
S0153	2	1.5	0	0.0	0	0.0	2	1.5
S0154	1	0.8	0	0.0	0	0.0	1	0.8
S0155	9	6.9	0	0.0	0	0.0	9	6.9
S0156	2	1.5	0	0.0	0	0.0	2	1.5
S0157	4	3.1	0	0.0	0	0.0	4	3.1
S0158	1	0.8	0	0.0	0	0.0	1	0.8
S0159	5	3.8	0	0.0	0	0.0	5	3.8
S0160	2	1.5	0	0.0	0	0.0	2	1.5
S0161	8	6.1	0	0.0	0	0.0	8	6.1
S0162	1	0.8	0	0.0	0	0.0	1	0.8

See notes at end of table.

Table R-7. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0163	12	9.2	0	0.0	0	0.0	12	9.2
S0164	2	1.5	0	0.0	0	0.0	2	1.5
S0165	0	0.0	0	0.0	0	0.0	0	0.0
S0166	2	1.5	0	0.0	0	0.0	2	1.5
S0167	0	0.0	0	0.0	0	0.0	0	0.0
S0168	2	1.5	0	0.0	0	0.0	2	1.5
S0169	0	0.0	0	0.0	0	0.0	0	0.0
S0170	2	1.5	0	0.0	0	0.0	2	1.5
S0171	4	3.1	0	0.0	0	0.0	4	3.1
S0172	1	0.8	0	0.0	0	0.0	1	0.8
S0173	2	1.5	1	0.8	0	0.0	1	0.8
S0174	3	2.3	2	1.5	0	0.0	1	0.8
S0175	2	1.5	0	0.0	0	0.0	2	1.5
S0176	4	3.1	2	1.5	0	0.0	2	1.5
S0177	4	3.1	2	1.5	0	0.0	2	1.5
S0178	1	0.8	0	0.0	0	0.0	1	0.8
S0179	5	3.8	0	0.0	0	0.0	5	3.8
S0180	7	5.3	0	0.0	0	0.0	7	5.3
S0181	10	7.6	0	0.0	0	0.0	10	7.6
S0182	10	7.6	0	0.0	0	0.0	10	7.6
S0183	13	9.9	0	0.0	0	0.0	13	9.9
S0184	11	8.4	0	0.0	0	0.0	11	8.4
S0185	11	8.4	0	0.0	0	0.0	11	8.4
S0186	9	6.9	0	0.0	0	0.0	9	6.9
S0187	10	7.6	0	0.0	0	0.0	10	7.6
S0188	12	9.2	7	5.3	0	0.0	5	3.8
S0189	11	8.4	0	0.0	0	0.0	11	8.4
S0190	9	6.9	0	0.0	0	0.0	9	6.9
S0191	10	7.6	0	0.0	0	0.0	10	7.6
S0192	6	4.6	0	0.0	0	0.0	6	4.6
S0193	4	3.1	0	0.0	0	0.0	4	3.1
S0200	6	4.6	0	0.0	0	0.0	6	4.6
S0201	11	8.4	1	0.8	0	0.0	10	7.6
S0202	12	9.2	10	7.6	0	0.0	2	1.5
S0203	29	22.1	12	9.2	10	7.6	17	13.0
S0204	32	24.4	16	12.2	14	10.7	16	12.2
S0205	28	21.4	10	7.6	10	7.6	18	13.7
S0206	23	17.6	7	5.3	7	5.3	16	12.2
S0207	9	6.9	6	4.6	0	0.0	3	2.3
S0208	19	14.5	0	0.0	0	0.0	19	14.5

See notes at end of table.

Table R-7. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0209	9	6.9	0	0.0	0	0.0	9	6.9
S0210	8	6.1	0	0.0	0	0.0	8	6.1
S0211	9	6.9	0	0.0	0	0.0	9	6.9
S0212	11	8.4	0	0.0	0	0.0	11	8.4
S0213	8	6.1	0	0.0	0	0.0	8	6.1
S0214	10	7.6	0	0.0	0	0.0	10	7.6
S0215	6	4.6	1	0.8	0	0.0	5	3.8
S0216	7	5.3	0	0.0	0	0.0	7	5.3
S0217	24	18.3	0	0.0	0	0.0	24	18.3
S0218	11	8.4	6	4.6	0	0.0	5	3.8
S0219	36	27.5	32	24.4	0	0.0	4	3.1
S0220	5	3.8	1	0.8	0	0.0	4	3.1
S0221	23	17.6	19	14.5	0	0.0	4	3.1
S0222	1	0.8	0	0.0	0	0.0	1	0.8
S0223	12	9.2	0	0.0	0	0.0	12	9.2
S0224	15	11.5	3	2.3	0	0.0	12	9.2
S0225	19	14.5	9	6.9	0	0.0	10	7.6
S0226	18	13.7	0	0.0	0	0.0	18	13.7
S0230	17	13.0	15	11.5	0	0.0	2	1.5
S0231	5	3.8	0	0.0	0	0.0	5	3.8
S0232	22	16.8	0	0.0	0	0.0	22	16.8
S0233	8	6.1	0	0.0	0	0.0	8	6.1
S0234	8	6.1	0	0.0	0	0.0	8	6.1
S0235	0	0.0	0	0.0	0	0.0	0	0.0
S0236	0	0.0	0	0.0	0	0.0	0	0.0
S0237	0	0.0	0	0.0	0	0.0	0	0.0
S0238	0	0.0	0	0.0	0	0.0	0	0.0
S0296	5	3.8	0	0.0	0	0.0	5	3.8
S0297	1	0.8	0	0.0	0	0.0	1	0.8
S0311	2	1.5	0	0.0	0	0.0	2	1.5
S0312	2	1.5	0	0.0	0	0.0	2	1.5
S0313	2	1.5	0	0.0	0	0.0	2	1.5
S0314	2	1.5	0	0.0	0	0.0	2	1.5
S0315	2	1.5	0	0.0	0	0.0	2	1.5
S0318	8	6.1	0	0.0	0	0.0	8	6.1
S0319	12	9.2	0	0.0	0	0.0	12	9.2
S0328	3	2.3	0	0.0	0	0.0	3	2.3
S0329	2	1.5	0	0.0	0	0.0	2	1.5
S0330	21	16.0	0	0.0	0	0.0	21	16.0
S0331	22	16.8	0	0.0	0	0.0	22	16.8

See notes at end of table.

Table R-7. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
S0332	23	17.6	0	0.0	0	0.0	23	17.6
S0333	23	17.6	0	0.0	0	0.0	23	17.6
S0334	26	19.8	2	1.5	0	0.0	24	18.3
S0335	17	13.0	0	0.0	0	0.0	17	13.0
S0336	17	13.0	0	0.0	0	0.0	17	13.0
S0337	4	3.1	0	0.0	0	0.0	4	3.1
S0338	3	2.3	0	0.0	0	0.0	3	2.3
S0339	3	2.3	0	0.0	0	0.0	3	2.3
S0340	6	4.6	1	0.8	0	0.0	5	3.8
S0341	4	3.1	1	0.8	0	0.0	3	2.3
S0342	21	16.0	0	0.0	0	0.0	21	16.0
S0343	20	15.3	10	7.6	0	0.0	10	7.6
S0344	20	15.3	10	7.6	0	0.0	10	7.6
S0345	20	15.3	10	7.6	0	0.0	10	7.6
S0346	20	15.3	10	7.6	0	0.0	10	7.6
S0347	5	3.8	1	0.8	0	0.0	4	3.1
S0348	5	3.8	0	0.0	0	0.0	5	3.8
S0349	4	3.1	0	0.0	0	0.0	4	3.1
S0350	4	3.1	1	0.8	0	0.0	3	2.3
S0365	21	16.0	0	0.0	0	0.0	21	16.0
S0370	0	0.0	0	0.0	0	0.0	0	0.0
S0371	0	0.0	0	0.0	0	0.0	0	0.0
S0372	0	0.0	0	0.0	0	0.0	0	0.0
S0373	0	0.0	0	0.0	0	0.0	0	0.0
S0374	0	0.0	0	0.0	0	0.0	0	0.0
S0375	0	0.0	0	0.0	0	0.0	0	0.0
S0376	2	1.5	2	1.5	0	0.0	0	0.0
S0377	0	0.0	0	0.0	0	0.0	0	0.0
S0378	0	0.0	0	0.0	0	0.0	0	0.0
S0379	1	0.8	0	0.0	0	0.0	1	0.8
S5048	0	0.0	0	0.0	0	0.0	0	0.0
S5234 ¹	2	1.5	0	0.0	0	0.0	2	1.5

¹ The variable S5234 is the write-in variable corresponding to item 66c on the Public School Questionnaire (With District Items) and is an exception to the general rule of not imputing write-in items. It was imputed with a blank response when a school indicated that it was a public charter school but was located in a state that does not have any charter schools. For these cases, Census staff deleted data from items asked of charter schools in the Charter Schools and Homeschooling section so that they were no longer identified as charter schools. All data items that were altered (data changed or blanked out) were assigned a flag of f_(sourcecode) = 9, indicating that data had been imputed/altered during analysis data review.

NOTE: BIE refers to the Bureau of Indian Education.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), "BIE School Restricted Use Data File," 2007–08.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0025	0	0.0	0	0.0	0	0.0	0	0.0
T0026	0	0.0	0	0.0	0	0.0	0	0.0
T0027	4	0.0	4	0.0	0	0.0	0	0.0
T0028	447	1.2	43	0.1	0	0.0	404	1.1
T0029	4,837	12.6	13	0.0	0	0.0	4,824	12.6
T0030	10	0.0	0	0.0	0	0.0	10	0.0
T0031	0	0.0	0	0.0	0	0.0	0	0.0
T0034	29	0.1	0	0.0	0	0.0	29	0.1
T0035	8	0.0	0	0.0	0	0.0	8	0.0
T0036	491	1.3	0	0.0	0	0.0	491	1.3
T0037	256	0.7	137	0.4	0	0.0	119	0.3
T0038	3,981	10.4	1,312	3.4	0	0.0	2,669	7.0
T0039	3,454	9.0	1,297	3.4	0	0.0	2,157	5.6
T0040	796	2.1	33	0.1	0	0.0	763	2.0
T0041	262	0.7	165	0.4	0	0.0	97	0.3
T0042	358	0.9	319	0.8	0	0.0	39	0.1
T0050	0	0.0	0	0.0	0	0.0	0	0.0
T0051	0	0.0	0	0.0	0	0.0	0	0.0
T0052	0	0.0	0	0.0	0	0.0	0	0.0
T0053	0	0.0	0	0.0	0	0.0	0	0.0
T0054	0	0.0	0	0.0	0	0.0	0	0.0
T0055	0	0.0	0	0.0	0	0.0	0	0.0
T0056	0	0.0	0	0.0	0	0.0	0	0.0
T0057	0	0.0	0	0.0	0	0.0	0	0.0
T0058	0	0.0	0	0.0	0	0.0	0	0.0
T0059	0	0.0	0	0.0	0	0.0	0	0.0
T0060	0	0.0	0	0.0	0	0.0	0	0.0
T0061	0	0.0	0	0.0	0	0.0	0	0.0
T0062	0	0.0	0	0.0	0	0.0	0	0.0
T0063	0	0.0	0	0.0	0	0.0	0	0.0
T0064	0	0.0	0	0.0	0	0.0	0	0.0
T0065	5,114	13.4	308	0.8	0	0.0	4,806	12.6
T0066	313	0.8	313	0.8	0	0.0	0	0.0
T0067	0	0.0	0	0.0	0	0.0	0	0.0
T0068	113	0.3	81	0.2	0	0.0	32	0.1
T0069	113	0.3	81	0.2	0	0.0	32	0.1
T0070	1,078	2.8	0	0.0	0	0.0	1,078	2.8
T0071	65	0.2	1	0.0	0	0.0	64	0.2
T0072	795	2.1	355	0.9	0	0.0	440	1.2
T0073	1,429	3.7	38	0.1	0	0.0	1,391	3.6

See notes at end of table.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0074	594	1.6	27	0.1	0	0.0	567	1.5
T0075	688	1.8	31	0.1	0	0.0	657	1.7
T0076	689	1.8	38	0.1	0	0.0	651	1.7
T0077	1,209	3.2	1,160	3.0	0	0.0	49	0.1
T0078	598	1.6	598	1.6	0	0.0	0	0.0
T0079	869	2.3	869	2.3	0	0.0	0	0.0
T0080	1,552	4.1	305	0.8	0	0.0	1,247	3.3
T0081	1,201	3.1	1,201	3.1	0	0.0	0	0.0
T0082	1,427	3.7	1,427	3.7	0	0.0	0	0.0
T0083	1,864	4.9	605	1.6	0	0.0	1,259	3.3
T0084	2,272	5.9	2,272	5.9	0	0.0	0	0.0
T0085	2,518	6.6	2,518	6.6	0	0.0	0	0.0
T0086	2,915	7.6	1,658	4.3	0	0.0	1,257	3.3
T0087	2,489	6.5	2,489	6.5	0	0.0	0	0.0
T0088	2,710	7.1	2,710	7.1	0	0.0	0	0.0
T0089	3,051	8.0	1,896	5.0	0	0.0	1,155	3.0
T0090	1,497	3.9	1,497	3.9	0	0.0	0	0.0
T0091	1,715	4.5	1,715	4.5	0	0.0	0	0.0
T0092	2,002	5.2	1,167	3.1	0	0.0	835	2.2
T0093	1,114	2.9	1,114	2.9	0	0.0	0	0.0
T0094	1,269	3.3	1,269	3.3	0	0.0	0	0.0
T0095	1,437	3.8	841	2.2	0	0.0	596	1.6
T0096	571	1.5	571	1.5	0	0.0	0	0.0
T0097	628	1.6	628	1.6	0	0.0	0	0.0
T0098	685	1.8	413	1.1	0	0.0	272	0.7
T0099	440	1.2	440	1.2	0	0.0	0	0.0
T0100	463	1.2	463	1.2	0	0.0	0	0.0
T0101	498	1.3	312	0.8	0	0.0	186	0.5
T0102	390	1.0	390	1.0	0	0.0	0	0.0
T0103	421	1.1	421	1.1	0	0.0	0	0.0
T0104	424	1.1	274	0.7	0	0.0	150	0.4
T0105	395	1.0	395	1.0	0	0.0	0	0.0
T0106	423	1.1	423	1.1	0	0.0	0	0.0
T0107	426	1.1	286	0.7	0	0.0	140	0.4
T0110	151	0.4	151	0.4	0	0.0	0	0.0
T0111	667	1.7	640	1.7	0	0.0	27	0.1
T0112	533	1.4	154	0.4	0	0.0	379	1.0
T0113	696	1.8	0	0.0	0	0.0	696	1.8
T0114	1,287	3.4	1,276	3.3	0	0.0	11	0.0
T0115	332	0.9	0	0.0	0	0.0	332	0.9

See notes at end of table.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0119	0	0.0	0	0.0	0	0.0	0	0.0
T0120	353	0.9	350	0.9	0	0.0	3	0.0
T0121	322	0.8	314	0.8	0	0.0	8	0.0
T0122	143	0.4	0	0.0	0	0.0	143	0.4
T0123	313	0.8	0	0.0	0	0.0	313	0.8
T0124	1,545	4.0	1,440	3.8	0	0.0	105	0.3
T0125	79	0.2	26	0.1	0	0.0	53	0.1
T0126	168	0.4	165	0.4	0	0.0	3	0.0
T0127	201	0.5	46	0.1	0	0.0	155	0.4
T0128	333	0.9	326	0.9	0	0.0	7	0.0
T0129	94	0.2	43	0.1	0	0.0	51	0.1
T0130	234	0.6	153	0.4	0	0.0	81	0.2
T0131	200	0.5	200	0.5	0	0.0	0	0.0
T0132	54	0.1	38	0.1	0	0.0	16	0.0
T0133	114	0.3	79	0.2	0	0.0	35	0.1
T0134	85	0.2	84	0.2	0	0.0	1	0.0
T0135	45	0.1	23	0.1	0	0.0	22	0.1
T0136	146	0.4	111	0.3	0	0.0	35	0.1
T0137	134	0.4	134	0.4	0	0.0	0	0.0
T0138	27	0.1	14	0.0	0	0.0	13	0.0
T0139	72	0.2	56	0.1	0	0.0	16	0.0
T0140	51	0.1	51	0.1	0	0.0	0	0.0
T0141	12	0.0	8	0.0	0	0.0	4	0.0
T0142	42	0.1	32	0.1	0	0.0	10	0.0
T0143	40	0.1	40	0.1	0	0.0	0	0.0
T0144	3,619	9.5	0	0.0	0	0.0	3,619	9.5
T0145	2,405	6.3	17	0.0	0	0.0	2,388	6.2
T0146	3,319	8.7	19	0.0	0	0.0	3,300	8.6
T0147	3,339	8.7	26	0.1	0	0.0	3,313	8.7
T0148	2,441	6.4	12	0.0	0	0.0	2,429	6.4
T0149	3,979	10.4	35	0.1	0	0.0	3,944	10.3
T0150	361	0.9	0	0.0	0	0.0	361	0.9
T0151	742	1.9	0	0.0	0	0.0	742	1.9
T0152	2,950	7.7	0	0.0	0	0.0	2,950	7.7
T0153	410	1.1	0	0.0	0	0.0	410	1.1
T0154	588	1.5	0	0.0	0	0.0	588	1.5
T0155	943	2.5	0	0.0	0	0.0	943	2.5
T0160	239	0.6	0	0.0	0	0.0	239	0.6
T0161	621	1.6	0	0.0	0	0.0	621	1.6
T0162	746	2.0	0	0.0	0	0.0	746	2.0

See notes at end of table.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0163	746	2.0	0	0.0	0	0.0	746	2.0
T0164	746	2.0	0	0.0	0	0.0	746	2.0
T0165	517	1.4	304	0.8	0	0.0	213	0.6
T0166	472	1.2	0	0.0	0	0.0	472	1.2
T0167	431	1.1	0	0.0	0	0.0	431	1.1
T0168	431	1.1	0	0.0	0	0.0	431	1.1
T0169	431	1.1	0	0.0	0	0.0	431	1.1
T0170	1450	3.8	1352	3.5	0	0.0	98	0.3
T0171	247	0.6	0	0.0	0	0.0	247	0.6
T0172	360	0.9	0	0.0	0	0.0	360	0.9
T0173	360	0.9	0	0.0	0	0.0	360	0.9
T0174	360	0.9	0	0.0	0	0.0	360	0.9
T0175	787	2.1	726	1.9	0	0.0	61	0.2
T0176	101	0.3	0	0.0	0	0.0	101	0.3
T0177	232	0.6	0	0.0	0	0.0	232	0.6
T0178	232	0.6	0	0.0	0	0.0	232	0.6
T0179	232	0.6	0	0.0	0	0.0	232	0.6
T0180	402	1.1	392	1.0	0	0.0	10	0.0
T0181	48	0.1	0	0.0	0	0.0	48	0.1
T0182	128	0.3	0	0.0	0	0.0	128	0.3
T0183	128	0.3	0	0.0	0	0.0	128	0.3
T0184	128	0.3	0	0.0	0	0.0	128	0.3
T0185	1,035	2.7	739	1.9	0	0.0	296	0.8
T0186	124	0.3	0	0.0	0	0.0	124	0.3
T0187	1,533	4.0	0	0.0	0	0.0	1,533	4.0
T0188	1,494	3.9	0	0.0	0	0.0	1,494	3.9
T0189	1,494	3.9	0	0.0	0	0.0	1,494	3.9
T0190	1,494	3.9	0	0.0	0	0.0	1,494	3.9
T0191	1,627	4.3	1559	4.1	0	0.0	68	0.2
T0192	50	0.1	0	0.0	0	0.0	50	0.1
T0193	53	0.1	0	0.0	0	0.0	53	0.1
T0194	53	0.1	0	0.0	0	0.0	53	0.1
T0195	53	0.1	0	0.0	0	0.0	53	0.1
T0196	134	0.4	110	0.3	0	0.0	24	0.1
T0197	20	0.1	0	0.0	0	0.0	20	0.1
T0198	21	0.1	0	0.0	0	0.0	21	0.1
T0199	21	0.1	0	0.0	0	0.0	21	0.1
T0200	21	0.1	0	0.0	0	0.0	21	0.1
T0201	33	0.1	23	0.1	0	0.0	10	0.0
T0202	11	0.0	0	0.0	0	0.0	11	0.0

See notes at end of table.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0203	12	0.0	0	0.0	0	0.0	12	0.0
T0204	12	0.0	0	0.0	0	0.0	12	0.0
T0205	13	0.0	1	0.0	0	0.0	12	0.0
T0206	17	0.0	16	0.0	0	0.0	1	0.0
T0207	3	0.0	0	0.0	0	0.0	3	0.0
T0208	6	0.0	1	0.0	0	0.0	5	0.0
T0209	6	0.0	1	0.0	0	0.0	5	0.0
T0210	6	0.0	1	0.0	0	0.0	5	0.0
T0211	1,015	2.7	0	0.0	0	0.0	1,015	2.7
T0212	436	1.1	0	0.0	0	0.0	436	1.1
T0213	13	0.0	1	0.0	0	0.0	12	0.0
T0214	521	1.4	0	0.0	0	0.0	521	1.4
T0215	527	1.4	0	0.0	0	0.0	527	1.4
T0216	534	1.4	0	0.0	0	0.0	534	1.4
T0217	533	1.4	0	0.0	0	0.0	533	1.4
T0218	533	1.4	0	0.0	0	0.0	533	1.4
T0219	544	1.4	0	0.0	0	0.0	544	1.4
T0220	623	1.6	0	0.0	0	0.0	623	1.6
T0221	501	1.3	17	0.0	0	0.0	484	1.3
T0222	495	1.3	8	0.0	0	0.0	487	1.3
T0223	498	1.3	11	0.0	0	0.0	487	1.3
T0224	500	1.3	13	0.0	0	0.0	487	1.3
T0225	495	1.3	7	0.0	0	0.0	488	1.3
T0226	492	1.3	4	0.0	0	0.0	488	1.3
T0231	444	1.2	0	0.0	0	0.0	444	1.2
T0232	621	1.6	0	0.0	0	0.0	621	1.6
T0233	955	2.5	0	0.0	0	0.0	955	2.5
T0234	227	0.6	0	0.0	0	0.0	227	0.6
T0235	600	1.6	0	0.0	0	0.0	600	1.6
T0236	597	1.6	0	0.0	0	0.0	597	1.6
T0237	246	0.6	0	0.0	0	0.0	246	0.6
T0238	320	0.8	0	0.0	0	0.0	320	0.8
T0239	381	1.0	0	0.0	0	0.0	381	1.0
T0240	250	0.7	0	0.0	0	0.0	250	0.7
T0241	286	0.7	0	0.0	0	0.0	286	0.7
T0242	302	0.8	0	0.0	0	0.0	302	0.8
T0243	362	0.9	0	0.0	0	0.0	362	0.9
T0244	265	0.7	0	0.0	0	0.0	265	0.7
T0245	374	1.0	0	0.0	0	0.0	374	1.0
T0246	429	1.1	0	0.0	0	0.0	429	1.1

See notes at end of table.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0247	250	0.7	0	0.0	0	0.0	250	0.7
T0248	323	0.8	0	0.0	0	0.0	323	0.8
T0249	376	1.0	0	0.0	0	0.0	376	1.0
T0250	174	0.5	0	0.0	0	0.0	174	0.5
T0251	238	0.6	0	0.0	0	0.0	238	0.6
T0252	2,286	6.0	0	0.0	0	0.0	2,286	6.0
T0260	2,058	5.4	0	0.0	0	0.0	2,058	5.4
T0261	2,424	6.3	1	0.0	0	0.0	2,423	6.3
T0262	4,285	11.2	2	0.0	0	0.0	4,283	11.2
T0263	375	1.0	93	0.2	0	0.0	282	0.7
T0264	520	1.4	215	0.6	0	0.0	305	0.8
T0265	641	1.7	345	0.9	0	0.0	296	0.8
T0266	749	2.0	452	1.2	0	0.0	297	0.8
T0267	618	1.6	289	0.8	0	0.0	329	0.9
T0268	673	1.8	0	0.0	0	0.0	673	1.8
T0269	391	1.0	53	0.1	0	0.0	338	0.9
T0270	392	1.0	71	0.2	0	0.0	321	0.8
T0271	740	1.9	311	0.8	0	0.0	429	1.1
T0272	605	1.6	255	0.7	0	0.0	350	0.9
T0273	688	1.8	318	0.8	0	0.0	370	1.0
T0274	630	1.6	284	0.7	0	0.0	346	0.9
T0280	414	1.1	0	0.0	0	0.0	414	1.1
T0281	371	1.0	0	0.0	0	0.0	371	1.0
T0282	375	1.0	0	0.0	0	0.0	375	1.0
T0283	371	1.0	0	0.0	0	0.0	371	1.0
T0284	351	0.9	0	0.0	0	0.0	351	0.9
T0285	423	1.1	0	0.0	0	0.0	423	1.1
T0286	420	1.1	0	0.0	0	0.0	420	1.1
T0287	377	1.0	0	0.0	0	0.0	377	1.0
T0288	392	1.0	0	0.0	0	0.0	392	1.0
T0289	357	0.9	0	0.0	0	0.0	357	0.9
T0290	334	0.9	0	0.0	0	0.0	334	0.9
T0291	364	1.0	0	0.0	0	0.0	364	1.0
T0292	390	1.0	0	0.0	0	0.0	390	1.0
T0293	370	1.0	0	0.0	0	0.0	370	1.0
T0294	410	1.1	0	0.0	0	0.0	410	1.1
T0295	371	1.0	0	0.0	0	0.0	371	1.0
T0296	353	0.9	0	0.0	0	0.0	353	0.9
T0297	385	1.0	0	0.0	0	0.0	385	1.0
T0298	391	1.0	0	0.0	0	0.0	391	1.0

See notes at end of table.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0299	504	1.3	0	0.0	0	0.0	504	1.3
T0300	462	1.2	0	0.0	0	0.0	462	1.2
T0301	381	1.0	0	0.0	0	0.0	381	1.0
T0302	359	0.9	0	0.0	0	0.0	359	0.9
T0303	355	0.9	0	0.0	0	0.0	355	0.9
T0304	370	1.0	0	0.0	0	0.0	370	1.0
T0305	404	1.1	0	0.0	0	0.0	404	1.1
T0306	450	1.2	0	0.0	0	0.0	450	1.2
T0307	477	1.2	0	0.0	0	0.0	477	1.2
T0308	692	1.8	0	0.0	0	0.0	692	1.8
T0309	380	1.0	0	0.0	0	0.0	380	1.0
T0310	424	1.1	0	0.0	0	0.0	424	1.1
T0311	362	0.9	0	0.0	0	0.0	362	0.9
T0312	409	1.1	0	0.0	0	0.0	409	1.1
T0313	569	1.5	0	0.0	0	0.0	569	1.5
T0314	385	1.0	0	0.0	0	0.0	385	1.0
T0315	397	1.0	0	0.0	0	0.0	397	1.0
T0316	404	1.1	0	0.0	0	0.0	404	1.1
T0317	390	1.0	0	0.0	0	0.0	390	1.0
T0318	379	1.0	0	0.0	0	0.0	379	1.0
T0319	398	1.0	0	0.0	0	0.0	398	1.0
T0320	324	0.8	0	0.0	0	0.0	324	0.8
T0321	305	0.8	0	0.0	0	0.0	305	0.8
T0322	287	0.8	0	0.0	0	0.0	287	0.8
T0323	185	0.5	0	0.0	0	0.0	185	0.5
T0324	119	0.3	0	0.0	0	0.0	119	0.3
T0325	441	1.2	0	0.0	0	0.0	441	1.2
T0326	75	0.2	0	0.0	0	0.0	75	0.2
T0327	86	0.2	0	0.0	0	0.0	86	0.2
T0335	460	1.2	18	0.0	0	0.0	442	1.2
T0336	262	0.7	0	0.0	0	0.0	262	0.7
T0337	305	0.8	0	0.0	0	0.0	305	0.8
T0338	1,951	5.1	114	0.3	0	0.0	1,837	4.8
T0339	440	1.2	0	0.0	0	0.0	440	1.2
T0340	511	1.3	0	0.0	0	0.0	511	1.3
T0341	2,295	6.0	109	0.3	0	0.0	2,186	5.7
T0342	831	2.2	0	0.0	0	0.0	831	2.2
T0343	5,247	13.7	0	0.0	0	0.0	5,247	13.7
T0344	560	1.5	28	0.1	0	0.0	532	1.4
T0345	937	2.5	0	0.0	0	0.0	937	2.5

See notes at end of table.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0346	1,054	2.8	84	0.2	0	0.0	970	2.5
T0347	442	1.2	0	0.0	0	0.0	442	1.2
T0348	796	2.1	60	0.2	0	0.0	736	1.9
T0349	798	2.1	0	0.0	0	0.0	798	2.1
T0350	233	0.6	0	0.0	0	0.0	233	0.6
T0351	468	1.2	0	0.0	0	0.0	468	1.2
T0352	268	0.7	0	0.0	0	0.0	268	0.7
T0353	554	1.4	0	0.0	0	0.0	554	1.4
T0354	1,120	2.9	0	0.0	0	0.0	1,120	2.9
T0355	1,120	2.9	0	0.0	0	0.0	1,120	2.9
T0356	1,120	2.9	0	0.0	0	0.0	1,120	2.9
T0357	1,120	2.9	0	0.0	0	0.0	1,120	2.9
T0358	1,120	2.9	0	0.0	0	0.0	1,120	2.9
T0359	31	0.1	0	0.0	0	0.0	31	0.1
T0360	614	1.6	8	0.0	0	0.0	606	1.6
T0361	0	0.0	0	0.0	0	0.0	0	0.0
T0362	0	0.0	0	0.0	0	0.0	0	0.0
T0363	0	0.0	0	0.0	0	0.0	0	0.0
T0364	0	0.0	0	0.0	0	0.0	0	0.0
T5030	0	0.0	0	0.0	0	0.0	0	0.0
T5032	0	0.0	0	0.0	0	0.0	0	0.0
T5033	0	0.0	0	0.0	0	0.0	0	0.0
T5035 ¹	3	0.0	0	0.0	0	0.0	3	0.0
T5067	0	0.0	0	0.0	0	0.0	0	0.0
T5078	0	0.0	0	0.0	0	0.0	0	0.0
T5081	0	0.0	0	0.0	0	0.0	0	0.0
T5084	0	0.0	0	0.0	0	0.0	0	0.0
T5087	0	0.0	0	0.0	0	0.0	0	0.0
T5090	0	0.0	0	0.0	0	0.0	0	0.0
T5093	0	0.0	0	0.0	0	0.0	0	0.0
T5096	0	0.0	0	0.0	0	0.0	0	0.0
T5099	0	0.0	0	0.0	0	0.0	0	0.0
T5102	0	0.0	0	0.0	0	0.0	0	0.0
T5105	0	0.0	0	0.0	0	0.0	0	0.0
T5113	696	1.8	0	0.0	0	0.0	696	1.8
T5115	332	0.9	0	0.0	0	0.0	332	0.9
T5116	0	0.0	0	0.0	0	0.0	0	0.0
T5117	0	0.0	0	0.0	0	0.0	0	0.0
T5118	0	0.0	0	0.0	0	0.0	0	0.0
T5123	313	0.8	0	0.0	0	0.0	313	0.8

See notes at end of table.

Table R-8. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T5125	75	0.2	0	0.0	0	0.0	75	0.2
T5127	211	0.6	0	0.0	0	0.0	211	0.6
T5129	67	0.2	0	0.0	0	0.0	67	0.2
T5132	44	0.1	0	0.0	0	0.0	44	0.1
T5135	35	0.1	0	0.0	0	0.0	35	0.1
T5138	25	0.1	0	0.0	0	0.0	25	0.1
T5141	12	0.0	0	0.0	0	0.0	12	0.0
T5161	621	1.6	0	0.0	0	0.0	621	1.6
T5166	472	1.2	0	0.0	0	0.0	472	1.2
T5171	247	0.6	0	0.0	0	0.0	247	0.6
T5176	101	0.3	0	0.0	0	0.0	101	0.3
T5181	48	0.1	0	0.0	0	0.0	48	0.1
T5187	1,533	4.0	0	0.0	0	0.0	1,533	4.0
T5192	50	0.1	0	0.0	0	0.0	50	0.1
T5197	20	0.1	0	0.0	0	0.0	20	0.1
T5202	11	0.0	0	0.0	0	0.0	11	0.0
T5207	3	0.0	0	0.0	0	0.0	3	0.0
T5230 ²	126	0.3	0	0.0	0	0.0	126	0.3
T5252	0	0.0	0	0.0	0	0.0	0	0.0

¹ The variable T5035 is the write-in variable corresponding to item 7e on the Teacher Questionnaire and is an exception to the general rule of not imputing write-in items. Due to coding errors in the Stage 2 imputation program, T5035 was imputed with a donor response for three cases.

² The variable T5230 is the write-in variable corresponding to item 40 on the Teacher Questionnaire and is an exception to the general rule of not imputing write-in items. Due to coding errors in both the blanking edit and stage 2 imputation programs, T5230 was erroneously assigned a missing entry for certain data reporting situations and then imputed with blank data.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Public School Teacher Restricted Use Data File,” 2007–08.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0025	3	0.1	3	0.1	0	0.0	0	0.0
T0026	0	0.0	0	0.0	0	0.0	0	0.0
T0027	1	0.0	1	0.0	0	0.0	0	0.0
T0028	96	1.6	15	0.3	0	0.0	81	1.4
T0029	1,205	20.1	38	0.6	0	0.0	1,167	19.5
T0030	5	0.1	0	0.0	0	0.0	5	0.1
T0031	1	0.0	1	0.0	0	0.0	0	0.0
T0034	15	0.3	0	0.0	0	0.0	15	0.3
T0035	7	0.1	1	0.0	0	0.0	6	0.1
T0036	117	2.0	0	0.0	0	0.0	117	2.0
T0037	84	1.4	31	0.5	0	0.0	53	0.9
T0038	311	5.2	88	1.5	0	0.0	223	3.7
T0039	222	3.7	106	1.8	0	0.0	116	1.9
T0041	974	16.2	305	5.1	0	0.0	669	11.2
T0042	868	14.5	313	5.2	0	0.0	555	9.3
T0050	0	0.0	0	0.0	0	0.0	0	0.0
T0051	0	0.0	0	0.0	0	0.0	0	0.0
T0052	0	0.0	0	0.0	0	0.0	0	0.0
T0053	0	0.0	0	0.0	0	0.0	0	0.0
T0054	0	0.0	0	0.0	0	0.0	0	0.0
T0055	0	0.0	0	0.0	0	0.0	0	0.0
T0056	0	0.0	0	0.0	0	0.0	0	0.0
T0057	0	0.0	0	0.0	0	0.0	0	0.0
T0058	0	0.0	0	0.0	0	0.0	0	0.0
T0059	0	0.0	0	0.0	0	0.0	0	0.0
T0060	0	0.0	0	0.0	0	0.0	0	0.0
T0061	0	0.0	0	0.0	0	0.0	0	0.0
T0062	0	0.0	0	0.0	0	0.0	0	0.0
T0063	0	0.0	0	0.0	0	0.0	0	0.0
T0064	0	0.0	0	0.0	0	0.0	0	0.0
T0065	490	8.2	173	2.9	0	0.0	317	5.3
T0066	118	2.0	118	2.0	0	0.0	0	0.0
T0067	0	0.0	0	0.0	0	0.0	0	0.0
T0068	31	0.5	24	0.4	0	0.0	7	0.1
T0069	31	0.5	24	0.4	0	0.0	7	0.1
T0070	199	3.3	0	0.0	0	0.0	199	3.3
T0071	4	0.1	0	0.0	0	0.0	4	0.1
T0072	208	3.5	63	1.1	0	0.0	145	2.4
T0073	351	5.9	5	0.1	0	0.0	346	5.8
T0074	149	2.5	2	0.0	0	0.0	147	2.5

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0075	150	2.5	4	0.1	0	0.0	146	2.4
T0076	154	2.6	4	0.1	0	0.0	150	2.5
T0077	222	3.7	207	3.5	0	0.0	15	0.3
T0078	104	1.7	104	1.7	0	0.0	0	0.0
T0079	136	2.3	136	2.3	0	0.0	0	0.0
T0080	188	3.1	17	0.3	0	0.0	171	2.9
T0081	157	2.6	157	2.6	0	0.0	0	0.0
T0082	174	2.9	174	2.9	0	0.0	0	0.0
T0083	224	3.7	47	0.8	0	0.0	177	3.0
T0084	230	3.8	230	3.8	0	0.0	0	0.0
T0085	249	4.2	249	4.2	0	0.0	0	0.0
T0086	290	4.8	137	2.3	0	0.0	153	2.6
T0087	279	4.7	279	4.7	0	0.0	0	0.0
T0088	291	4.9	291	4.9	0	0.0	0	0.0
T0089	334	5.6	188	3.1	0	0.0	146	2.4
T0090	189	3.2	189	3.2	0	0.0	0	0.0
T0091	206	3.4	206	3.4	0	0.0	0	0.0
T0092	245	4.1	143	2.4	0	0.0	102	1.7
T0093	161	2.7	161	2.7	0	0.0	0	0.0
T0094	174	2.9	174	2.9	0	0.0	0	0.0
T0095	205	3.4	121	2.0	0	0.0	84	1.4
T0096	102	1.7	102	1.7	0	0.0	0	0.0
T0097	109	1.8	109	1.8	0	0.0	0	0.0
T0098	133	2.2	77	1.3	0	0.0	56	0.9
T0099	82	1.4	82	1.4	0	0.0	0	0.0
T0100	95	1.6	95	1.6	0	0.0	0	0.0
T0101	113	1.9	61	1.0	0	0.0	52	0.9
T0102	85	1.4	85	1.4	0	0.0	0	0.0
T0103	96	1.6	96	1.6	0	0.0	0	0.0
T0104	114	1.9	65	1.1	0	0.0	49	0.8
T0105	113	1.9	113	1.9	0	0.0	0	0.0
T0106	136	2.3	136	2.3	0	0.0	0	0.0
T0107	139	2.3	95	1.6	0	0.0	44	0.7
T0110	2	0.0	2	0.0	0	0.0	0	0.0
T0111	73	1.2	66	1.1	0	0.0	7	0.1
T0112	53	0.9	34	0.6	0	0.0	19	0.3
T0113	78	1.3	0	0.0	0	0.0	78	1.3
T0114	150	2.5	150	2.5	0	0.0	0	0.0
T0115	36	0.6	0	0.0	0	0.0	36	0.6
T0119	0	0.0	0	0.0	0	0.0	0	0.0

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0120	111	1.9	111	1.9	0	0.0	0	0.0
T0121	27	0.5	27	0.5	0	0.0	0	0.0
T0122	16	0.3	0	0.0	0	0.0	16	0.3
T0123	24	0.4	0	0.0	0	0.0	24	0.4
T0124	413	6.9	282	4.7	0	0.0	131	2.2
T0125	9	0.2	0	0.0	0	0.0	9	0.2
T0126	25	0.4	24	0.4	0	0.0	1	0.0
T0127	27	0.5	0	0.0	0	0.0	27	0.5
T0128	62	1.0	59	1.0	0	0.0	3	0.1
T0129	8	0.1	0	0.0	0	0.0	8	0.1
T0130	20	0.3	0	0.0	0	0.0	20	0.3
T0131	33	0.6	33	0.6	0	0.0	0	0.0
T0132	10	0.2	2	0.0	0	0.0	8	0.1
T0133	16	0.3	2	0.0	0	0.0	14	0.2
T0134	26	0.4	25	0.4	0	0.0	1	0.0
T0135	8	0.1	0	0.0	0	0.0	8	0.1
T0136	14	0.2	4	0.1	0	0.0	10	0.2
T0137	16	0.3	15	0.3	0	0.0	1	0.0
T0138	0	0.0	0	0.0	0	0.0	0	0.0
T0139	4	0.1	3	0.1	0	0.0	1	0.0
T0140	6	0.1	6	0.1	0	0.0	0	0.0
T0141	2	0.0	0	0.0	0	0.0	2	0.0
T0142	5	0.1	2	0.0	0	0.0	3	0.1
T0143	6	0.1	6	0.1	0	0.0	0	0.0
T0144	675	11.3	0	0.0	0	0.0	675	11.3
T0145	327	5.5	1	0.0	0	0.0	326	5.4
T0146	442	7.4	2	0.0	0	0.0	440	7.3
T0147	452	7.5	3	0.1	0	0.0	449	7.5
T0148	375	6.3	0	0.0	0	0.0	375	6.3
T0149	545	9.1	6	0.1	0	0.0	539	9.0
T0150	64	1.1	0	0.0	0	0.0	64	1.1
T0151	127	2.1	0	0.0	0	0.0	127	2.1
T0152	459	7.7	0	0.0	0	0.0	459	7.7
T0153	84	1.4	0	0.0	0	0.0	84	1.4
T0154	105	1.8	0	0.0	0	0.0	105	1.8
T0155	169	2.8	0	0.0	0	0.0	169	2.8
T0160	58	1.0	0	0.0	0	0.0	58	1.0
T0161	153	2.6	0	0.0	0	0.0	153	2.6
T0162	123	2.1	0	0.0	0	0.0	123	2.1
T0163	123	2.1	0	0.0	0	0.0	123	2.1

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0164	123	2.1	0	0.0	0	0.0	123	2.1
T0165	115	1.9	62	1.0	0	0.0	53	0.9
T0166	72	1.2	0	0.0	0	0.0	72	1.2
T0167	37	0.6	0	0.0	0	0.0	37	0.6
T0168	37	0.6	0	0.0	0	0.0	37	0.6
T0169	37	0.6	0	0.0	0	0.0	37	0.6
T0170	114	1.9	97	1.6	0	0.0	17	0.3
T0171	32	0.5	0	0.0	0	0.0	32	0.5
T0172	30	0.5	0	0.0	0	0.0	30	0.5
T0173	30	0.5	0	0.0	0	0.0	30	0.5
T0174	30	0.5	0	0.0	0	0.0	30	0.5
T0175	49	0.8	38	0.6	0	0.0	11	0.2
T0176	15	0.3	0	0.0	0	0.0	15	0.3
T0177	11	0.2	0	0.0	0	0.0	11	0.2
T0178	11	0.2	0	0.0	0	0.0	11	0.2
T0179	11	0.2	0	0.0	0	0.0	11	0.2
T0180	31	0.5	27	0.5	0	0.0	4	0.1
T0181	4	0.1	0	0.0	0	0.0	4	0.1
T0182	2	0.0	0	0.0	0	0.0	2	0.0
T0183	2	0.0	0	0.0	0	0.0	2	0.0
T0184	2	0.0	0	0.0	0	0.0	2	0.0
T0185	143	2.4	68	1.1	0	0.0	75	1.3
T0186	8	0.1	0	0.0	0	0.0	8	0.1
T0187	20	0.3	0	0.0	0	0.0	20	0.3
T0188	13	0.2	0	0.0	0	0.0	13	0.2
T0189	14	0.2	0	0.0	0	0.0	14	0.2
T0190	13	0.2	0	0.0	0	0.0	13	0.2
T0191	23	0.4	18	0.3	0	0.0	5	0.1
T0192	4	0.1	0	0.0	0	0.0	4	0.1
T0193	3	0.1	0	0.0	0	0.0	3	0.1
T0194	3	0.1	0	0.0	0	0.0	3	0.1
T0195	3	0.1	0	0.0	0	0.0	3	0.1
T0196	6	0.1	4	0.1	0	0.0	2	0.0
T0197	3	0.1	0	0.0	0	0.0	3	0.1
T0198	3	0.1	0	0.0	0	0.0	3	0.1
T0199	3	0.1	0	0.0	0	0.0	3	0.1
T0200	3	0.1	0	0.0	0	0.0	3	0.1
T0201	5	0.1	4	0.1	0	0.0	1	0.0
T0202	3	0.1	0	0.0	0	0.0	3	0.1
T0203	2	0.0	0	0.0	0	0.0	2	0.0

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0204	2	0.0	0	0.0	0	0.0	2	0.0
T0205	2	0.0	0	0.0	0	0.0	2	0.0
T0206	2	0.0	1	0.0	0	0.0	1	0.0
T0207	1	0.0	0	0.0	0	0.0	1	0.0
T0208	0	0.0	0	0.0	0	0.0	0	0.0
T0209	0	0.0	0	0.0	0	0.0	0	0.0
T0210	0	0.0	0	0.0	0	0.0	0	0.0
T0213	9	0.2	5	0.1	0	0.0	4	0.1
T0214	163	2.7	0	0.0	0	0.0	163	2.7
T0215	164	2.7	0	0.0	0	0.0	164	2.7
T0216	166	2.8	0	0.0	0	0.0	166	2.8
T0217	188	3.1	0	0.0	0	0.0	188	3.1
T0218	166	2.8	0	0.0	0	0.0	166	2.8
T0219	172	2.9	0	0.0	0	0.0	172	2.9
T0220	189	3.2	0	0.0	0	0.0	189	3.2
T0221	156	2.6	7	0.1	0	0.0	149	2.5
T0222	153	2.6	4	0.1	0	0.0	149	2.5
T0223	153	2.6	3	0.1	0	0.0	150	2.5
T0224	151	2.5	2	0.0	0	0.0	149	2.5
T0225	154	2.6	5	0.1	0	0.0	149	2.5
T0226	151	2.5	2	0.0	0	0.0	149	2.5
T0231	111	1.9	0	0.0	0	0.0	111	1.9
T0232	146	2.4	0	0.0	0	0.0	146	2.4
T0233	199	3.3	0	0.0	0	0.0	199	3.3
T0234	62	1.0	0	0.0	0	0.0	62	1.0
T0235	85	1.4	0	0.0	0	0.0	85	1.4
T0236	90	1.5	0	0.0	0	0.0	90	1.5
T0237	73	1.2	0	0.0	0	0.0	73	1.2
T0238	52	0.9	0	0.0	0	0.0	52	0.9
T0239	58	1.0	0	0.0	0	0.0	58	1.0
T0240	84	1.4	0	0.0	0	0.0	84	1.4
T0241	41	0.7	0	0.0	0	0.0	41	0.7
T0242	44	0.7	0	0.0	0	0.0	44	0.7
T0243	85	1.4	0	0.0	0	0.0	85	1.4
T0244	41	0.7	0	0.0	0	0.0	41	0.7
T0245	59	1.0	0	0.0	0	0.0	59	1.0
T0246	99	1.7	0	0.0	0	0.0	99	1.7
T0247	42	0.7	0	0.0	0	0.0	42	0.7
T0248	43	0.7	0	0.0	0	0.0	43	0.7
T0249	76	1.3	0	0.0	0	0.0	76	1.3

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0250	10	0.2	0	0.0	0	0.0	10	0.2
T0251	17	0.3	0	0.0	0	0.0	17	0.3
T0252	398	6.6	0	0.0	0	0.0	398	6.6
T0260	352	5.9	48	0.8	0	0.0	304	5.1
T0261	678	11.3	47	0.8	0	0.0	631	10.5
T0262	1,018	17.0	53	0.9	0	0.0	965	16.1
T0263	94	1.6	20	0.3	0	0.0	74	1.2
T0264	122	2.0	41	0.7	0	0.0	81	1.4
T0265	133	2.2	53	0.9	0	0.0	80	1.3
T0266	160	2.7	78	1.3	0	0.0	82	1.4
T0267	136	2.3	47	0.8	0	0.0	89	1.5
T0268	167	2.8	0	0.0	0	0.0	167	2.8
T0269	88	1.5	5	0.1	0	0.0	83	1.4
T0270	100	1.7	14	0.2	0	0.0	86	1.4
T0271	160	2.7	55	0.9	0	0.0	105	1.8
T0272	128	2.1	39	0.7	0	0.0	89	1.5
T0273	159	2.7	62	1.0	0	0.0	97	1.6
T0274	148	2.5	57	1.0	0	0.0	91	1.5
T0280	80	1.3	0	0.0	0	0.0	80	1.3
T0281	69	1.2	0	0.0	0	0.0	69	1.2
T0282	64	1.1	0	0.0	0	0.0	64	1.1
T0283	69	1.2	0	0.0	0	0.0	69	1.2
T0284	64	1.1	0	0.0	0	0.0	64	1.1
T0285	108	1.8	0	0.0	0	0.0	108	1.8
T0286	86	1.4	0	0.0	0	0.0	86	1.4
T0287	93	1.6	0	0.0	0	0.0	93	1.6
T0288	68	1.1	0	0.0	0	0.0	68	1.1
T0289	73	1.2	0	0.0	0	0.0	73	1.2
T0290	69	1.2	0	0.0	0	0.0	69	1.2
T0291	71	1.2	0	0.0	0	0.0	71	1.2
T0292	91	1.5	0	0.0	0	0.0	91	1.5
T0293	77	1.3	0	0.0	0	0.0	77	1.3
T0294	80	1.3	0	0.0	0	0.0	80	1.3
T0295	85	1.4	0	0.0	0	0.0	85	1.4
T0296	68	1.1	0	0.0	0	0.0	68	1.1
T0297	79	1.3	0	0.0	0	0.0	79	1.3
T0298	92	1.5	0	0.0	0	0.0	92	1.5
T0299	218	3.6	0	0.0	0	0.0	218	3.6
T0300	263	4.4	0	0.0	0	0.0	263	4.4
T0301	84	1.4	0	0.0	0	0.0	84	1.4

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0302	66	1.1	0	0.0	0	0.0	66	1.1
T0303	107	1.8	0	0.0	0	0.0	107	1.8
T0304	102	1.7	0	0.0	0	0.0	102	1.7
T0305	110	1.8	0	0.0	0	0.0	110	1.8
T0306	104	1.7	0	0.0	0	0.0	104	1.7
T0307	103	1.7	0	0.0	0	0.0	103	1.7
T0308	163	2.7	0	0.0	0	0.0	163	2.7
T0309	108	1.8	0	0.0	0	0.0	108	1.8
T0310	114	1.9	0	0.0	0	0.0	114	1.9
T0311	107	1.8	0	0.0	0	0.0	107	1.8
T0312	104	1.7	0	0.0	0	0.0	104	1.7
T0313	137	2.3	0	0.0	0	0.0	137	2.3
T0314	113	1.9	0	0.0	0	0.0	113	1.9
T0315	119	2.0	0	0.0	0	0.0	119	2.0
T0316	122	2.0	0	0.0	0	0.0	122	2.0
T0317	117	2.0	0	0.0	0	0.0	117	2.0
T0318	116	1.9	0	0.0	0	0.0	116	1.9
T0319	121	2.0	0	0.0	0	0.0	121	2.0
T0320	127	2.1	0	0.0	0	0.0	127	2.1
T0321	92	1.5	0	0.0	0	0.0	92	1.5
T0322	86	1.4	0	0.0	0	0.0	86	1.4
T0323	5	0.1	0	0.0	0	0.0	5	0.1
T0324	5	0.1	0	0.0	0	0.0	5	0.1
T0325	80	1.3	0	0.0	0	0.0	80	1.3
T0326	1	0.0	0	0.0	0	0.0	1	0.0
T0327	4	0.1	0	0.0	0	0.0	4	0.1
T0335	104	1.7	8	0.1	0	0.0	96	1.6
T0336	50	0.8	0	0.0	0	0.0	50	0.8
T0338	278	4.6	10	0.2	0	0.0	268	4.5
T0339	79	1.3	0	0.0	0	0.0	79	1.3
T0341	350	5.8	9	0.2	0	0.0	341	5.7
T0342	186	3.1	0	0.0	0	0.0	186	3.1
T0343	721	12.0	0	0.0	0	0.0	721	12.0
T0344	142	2.4	9	0.2	0	0.0	133	2.2
T0345	96	1.6	0	0.0	0	0.0	96	1.6
T0346	212	3.5	10	0.2	0	0.0	202	3.4
T0347	32	0.5	0	0.0	0	0.0	32	0.5
T0348	140	2.3	1	0.0	0	0.0	139	2.3
T0349	169	2.8	0	0.0	0	0.0	169	2.8
T0350	41	0.7	1	0.0	0	0.0	40	0.7

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0351	150	2.5	0	0.0	0	0.0	150	2.5
T0352	84	1.4	0	0.0	0	0.0	84	1.4
T0353	135	2.3	0	0.0	0	0.0	135	2.3
T0354	241	4.0	0	0.0	0	0.0	241	4.0
T0355	241	4.0	0	0.0	0	0.0	241	4.0
T0356	241	4.0	0	0.0	0	0.0	241	4.0
T0357	241	4.0	0	0.0	0	0.0	241	4.0
T0358	241	4.0	0	0.0	0	0.0	241	4.0
T0359	7	0.1	0	0.0	0	0.0	7	0.1
T0360	146	2.4	1	0.0	0	0.0	145	2.4
T0361	0	0.0	0	0.0	0	0.0	0	0.0
T0362	0	0.0	0	0.0	0	0.0	0	0.0
T0363	0	0.0	0	0.0	0	0.0	0	0.0
T0364	0	0.0	0	0.0	0	0.0	0	0.0
T0400	167	2.8	133	2.2	0	0.0	34	0.6
T0405	76	1.3	0	0.0	0	0.0	76	1.3
T0406	111	1.9	0	0.0	0	0.0	111	1.9
T0407	59	1.0	0	0.0	0	0.0	59	1.0
T0408	59	1.0	0	0.0	0	0.0	59	1.0
T0409	59	1.0	0	0.0	0	0.0	59	1.0
T0410	77	1.3	59	1.0	0	0.0	18	0.3
T0411	54	0.9	0	0.0	0	0.0	54	0.9
T0412	32	0.5	0	0.0	0	0.0	32	0.5
T0413	32	0.5	0	0.0	0	0.0	32	0.5
T0414	32	0.5	0	0.0	0	0.0	32	0.5
T0415	48	0.8	39	0.7	0	0.0	9	0.2
T0416	35	0.6	0	0.0	0	0.0	35	0.6
T0417	20	0.3	0	0.0	0	0.0	20	0.3
T0418	20	0.3	0	0.0	0	0.0	20	0.3
T0419	20	0.3	0	0.0	0	0.0	20	0.3
T0420	30	0.5	19	0.3	0	0.0	11	0.2
T0421	18	0.3	0	0.0	0	0.0	18	0.3
T0422	13	0.2	0	0.0	0	0.0	13	0.2
T0423	13	0.2	0	0.0	0	0.0	13	0.2
T0424	13	0.2	0	0.0	0	0.0	13	0.2
T0425	18	0.3	11	0.2	0	0.0	7	0.1
T0426	20	0.3	0	0.0	0	0.0	20	0.3
T0427	3	0.1	0	0.0	0	0.0	3	0.1
T0428	3	0.1	0	0.0	0	0.0	3	0.1
T0429	3	0.1	0	0.0	0	0.0	3	0.1

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0430	52	0.9	0	0.0	0	0.0	52	0.9
T0450	169	2.8	0	0.0	0	0.0	169	2.8
T5030	0	0.0	0	0.0	0	0.0	0	0.0
T5032	0	0.0	0	0.0	0	0.0	0	0.0
T5033	0	0.0	0	0.0	0	0.0	0	0.0
T5035	0	0.0	0	0.0	0	0.0	0	0.0
T5067	0	0.0	0	0.0	0	0.0	0	0.0
T5078	0	0.0	0	0.0	0	0.0	0	0.0
T5081	0	0.0	0	0.0	0	0.0	0	0.0
T5084	0	0.0	0	0.0	0	0.0	0	0.0
T5087	0	0.0	0	0.0	0	0.0	0	0.0
T5090	0	0.0	0	0.0	0	0.0	0	0.0
T5093	0	0.0	0	0.0	0	0.0	0	0.0
T5096	0	0.0	0	0.0	0	0.0	0	0.0
T5099	0	0.0	0	0.0	0	0.0	0	0.0
T5102	0	0.0	0	0.0	0	0.0	0	0.0
T5105	0	0.0	0	0.0	0	0.0	0	0.0
T5113	78	1.3	0	0.0	0	0.0	78	1.3
T5115	36	0.6	0	0.0	0	0.0	36	0.6
T5116	0	0.0	0	0.0	0	0.0	0	0.0
T5117	0	0.0	0	0.0	0	0.0	0	0.0
T5118	0	0.0	0	0.0	0	0.0	0	0.0
T5123	24	0.4	0	0.0	0	0.0	24	0.4
T5125	51	0.9	0	0.0	0	0.0	51	0.9
T5127	57	1.0	0	0.0	0	0.0	57	1.0
T5129	51	0.9	0	0.0	0	0.0	51	0.9
T5132	51	0.9	2	0.0	0	0.0	49	0.8
T5135	24	0.4	0	0.0	0	0.0	24	0.4
T5138	21	0.4	0	0.0	0	0.0	21	0.4
T5141	44	0.7	0	0.0	0	0.0	44	0.7
T5161	153	2.6	0	0.0	0	0.0	153	2.6
T5166	72	1.2	0	0.0	0	0.0	72	1.2
T5171	32	0.5	0	0.0	0	0.0	32	0.5
T5176	15	0.3	0	0.0	0	0.0	15	0.3
T5181	4	0.1	0	0.0	0	0.0	4	0.1
T5187	19	0.3	0	0.0	0	0.0	19	0.3
T5192	4	0.1	0	0.0	0	0.0	4	0.1
T5197	3	0.1	0	0.0	0	0.0	3	0.1
T5202	3	0.1	0	0.0	0	0.0	3	0.1
T5207	1	0.0	0	0.0	0	0.0	1	0.0

See notes at end of table.

Table R-9. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the private school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T5230 ¹	17	0.3	0	0.0	0	0.0	17	0.3
T5252	0	0.0	0	0.0	0	0.0	0	0.0
T5406	111	1.9	0	0.0	0	0.0	111	1.9
T5411	54	0.9	0	0.0	0	0.0	54	0.9
T5416	35	0.6	0	0.0	0	0.0	35	0.6
T5421	18	0.3	0	0.0	0	0.0	18	0.3
T5426	20	0.3	0	0.0	0	0.0	20	0.3

¹ The variable T5230 is the write-in variable corresponding to item 40 on the Private School Teacher Questionnaire and is an exception to the general rule of not imputing write-in items. Due to coding errors in both the blanking edit and stage 2 imputation programs, T5230 was erroneously assigned a missing entry for certain data reporting situations and then imputed with blank data. SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Private School Teacher Restricted Use Data File,” 2007–08.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0025	0	0.0	0	0.0	0	0.0	0	0.0
T0026	0	0.0	0	0.0	0	0.0	0	0.0
T0027	1	0.2	1	0.2	0	0.0	0	0.0
T0028	11	2.0	1	0.2	0	0.0	10	1.8
T0029	83	14.9	2	0.4	0	0.0	81	14.6
T0030	0	0.0	0	0.0	0	0.0	0	0.0
T0031	0	0.0	0	0.0	0	0.0	0	0.0
T0034	2	0.4	0	0.0	0	0.0	2	0.4
T0035	0	0.0	0	0.0	0	0.0	0	0.0
T0036	7	1.3	0	0.0	0	0.0	7	1.3
T0037	6	1.1	3	0.5	0	0.0	3	0.5
T0038	120	21.6	18	3.2	0	0.0	102	18.3
T0039	111	20.0	23	4.1	0	0.0	88	15.8
T0040	23	4.1	0	0.0	0	0.0	23	4.1
T0041	13	2.3	11	2.0	0	0.0	2	0.4
T0042	5	0.9	5	0.9	0	0.0	0	0.0
T0050	0	0.0	0	0.0	0	0.0	0	0.0
T0051	0	0.0	0	0.0	0	0.0	0	0.0
T0052	0	0.0	0	0.0	0	0.0	0	0.0
T0053	0	0.0	0	0.0	0	0.0	0	0.0
T0054	0	0.0	0	0.0	0	0.0	0	0.0
T0055	0	0.0	0	0.0	0	0.0	0	0.0
T0056	0	0.0	0	0.0	0	0.0	0	0.0
T0057	0	0.0	0	0.0	0	0.0	0	0.0
T0058	0	0.0	0	0.0	0	0.0	0	0.0
T0059	0	0.0	0	0.0	0	0.0	0	0.0
T0060	0	0.0	0	0.0	0	0.0	0	0.0
T0061	0	0.0	0	0.0	0	0.0	0	0.0
T0062	0	0.0	0	0.0	0	0.0	0	0.0
T0063	0	0.0	0	0.0	0	0.0	0	0.0
T0064	0	0.0	0	0.0	0	0.0	0	0.0
T0065	116	20.9	1	0.2	0	0.0	115	20.7
T0066	18	3.2	18	3.2	0	0.0	0	0.0
T0067	0	0.0	0	0.0	0	0.0	0	0.0
T0068	1	0.2	1	0.2	0	0.0	0	0.0
T0069	1	0.2	1	0.2	0	0.0	0	0.0
T0070	18	3.2	0	0.0	0	0.0	18	3.2
T0071	1	0.2	0	0.0	0	0.0	1	0.2
T0072	18	3.2	10	1.8	0	0.0	8	1.4
T0073	25	4.5	0	0.0	0	0.0	25	4.5

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0074	12	2.2	0	0.0	0	0.0	12	2.2
T0075	14	2.5	0	0.0	0	0.0	14	2.5
T0076	15	2.7	0	0.0	0	0.0	15	2.7
T0077	22	4.0	19	3.4	0	0.0	3	0.5
T0078	9	1.6	9	1.6	0	0.0	0	0.0
T0079	12	2.2	12	2.2	0	0.0	0	0.0
T0080	20	3.6	8	1.4	0	0.0	12	2.2
T0081	19	3.4	19	3.4	0	0.0	0	0.0
T0082	22	4.0	22	4.0	0	0.0	0	0.0
T0083	26	4.7	13	2.3	0	0.0	13	2.3
T0084	38	6.8	38	6.8	0	0.0	0	0.0
T0085	40	7.2	40	7.2	0	0.0	0	0.0
T0086	44	7.9	31	5.6	0	0.0	13	2.3
T0087	33	5.9	33	5.9	0	0.0	0	0.0
T0088	39	7.0	39	7.0	0	0.0	0	0.0
T0089	39	7.0	26	4.7	0	0.0	13	2.3
T0090	15	2.7	15	2.7	0	0.0	0	0.0
T0091	17	3.1	17	3.1	0	0.0	0	0.0
T0092	20	3.6	12	2.2	0	0.0	8	1.4
T0093	13	2.3	13	2.3	0	0.0	0	0.0
T0094	15	2.7	15	2.7	0	0.0	0	0.0
T0095	17	3.1	10	1.8	0	0.0	7	1.3
T0096	8	1.4	8	1.4	0	0.0	0	0.0
T0097	8	1.4	8	1.4	0	0.0	0	0.0
T0098	10	1.8	4	0.7	0	0.0	6	1.1
T0099	5	0.9	5	0.9	0	0.0	0	0.0
T0100	6	1.1	6	1.1	0	0.0	0	0.0
T0101	6	1.1	3	0.5	0	0.0	3	0.5
T0102	6	1.1	6	1.1	0	0.0	0	0.0
T0103	7	1.3	7	1.3	0	0.0	0	0.0
T0104	7	1.3	4	0.7	0	0.0	3	0.5
T0105	7	1.3	7	1.3	0	0.0	0	0.0
T0106	9	1.6	9	1.6	0	0.0	0	0.0
T0107	9	1.6	5	0.9	0	0.0	4	0.7
T0110	1	0.2	1	0.2	0	0.0	0	0.0

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0111	9	1.6	9	1.6	0	0.0	0	0.0
T0112	4	0.7	0	0.0	0	0.0	4	0.7
T0113	6	1.1	0	0.0	0	0.0	6	1.1
T0114	14	2.5	14	2.5	0	0.0	0	0.0
T0115	8	1.4	0	0.0	0	0.0	8	1.4
T0119	0	0.0	0	0.0	0	0.0	0	0.0
T0120	7	1.3	7	1.3	0	0.0	0	0.0
T0121	2	0.4	2	0.4	0	0.0	0	0.0
T0122	1	0.2	0	0.0	0	0.0	1	0.2
T0123	4	0.7	0	0.0	0	0.0	4	0.7
T0124	28	5.0	28	5.0	0	0.0	0	0.0
T0125	2	0.4	2	0.4	0	0.0	0	0.0
T0126	4	0.7	4	0.7	0	0.0	0	0.0
T0127	6	1.1	2	0.4	0	0.0	4	0.7
T0128	8	1.4	8	1.4	0	0.0	0	0.0
T0129	3	0.5	0	0.0	0	0.0	3	0.5
T0130	6	1.1	3	0.5	0	0.0	3	0.5
T0131	5	0.9	5	0.9	0	0.0	0	0.0
T0132	1	0.2	1	0.2	0	0.0	0	0.0
T0133	1	0.2	0	0.0	0	0.0	1	0.2
T0134	1	0.2	1	0.2	0	0.0	0	0.0
T0135	1	0.2	1	0.2	0	0.0	0	0.0
T0136	3	0.5	2	0.4	0	0.0	1	0.2
T0137	0	0.0	0	0.0	0	0.0	0	0.0
T0138	0	0.0	0	0.0	0	0.0	0	0.0
T0139	0	0.0	0	0.0	0	0.0	0	0.0
T0140	0	0.0	0	0.0	0	0.0	0	0.0
T0141	0	0.0	0	0.0	0	0.0	0	0.0
T0142	0	0.0	0	0.0	0	0.0	0	0.0
T0143	0	0.0	0	0.0	0	0.0	0	0.0
T0144	55	9.9	0	0.0	0	0.0	55	9.9
T0145	34	6.1	0	0.0	0	0.0	34	6.1
T0146	47	8.5	0	0.0	0	0.0	47	8.5
T0147	47	8.5	0	0.0	0	0.0	47	8.5
T0148	42	7.6	1	0.2	0	0.0	41	7.4

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0149	58	10.4	2	0.4	0	0.0	56	10.1
T0150	9	1.6	0	0.0	0	0.0	9	1.6
T0151	22	4.0	0	0.0	0	0.0	22	4.0
T0152	52	9.4	0	0.0	0	0.0	52	9.4
T0153	8	1.4	0	0.0	0	0.0	8	1.4
T0154	18	3.2	0	0.0	0	0.0	18	3.2
T0155	17	3.1	0	0.0	0	0.0	17	3.1
T0160	4	0.7	0	0.0	0	0.0	4	0.7
T0161	8	1.4	0	0.0	0	0.0	8	1.4
T0162	14	2.5	0	0.0	0	0.0	14	2.5
T0163	14	2.5	0	0.0	0	0.0	14	2.5
T0164	14	2.5	0	0.0	0	0.0	14	2.5
T0165	12	2.2	8	1.4	0	0.0	4	0.7
T0166	8	1.4	0	0.0	0	0.0	8	1.4
T0167	5	0.9	0	0.0	0	0.0	5	0.9
T0168	5	0.9	0	0.0	0	0.0	5	0.9
T0169	5	0.9	0	0.0	0	0.0	5	0.9
T0170	30	5.4	29	5.2	0	0.0	1	0.2
T0171	4	0.7	0	0.0	0	0.0	4	0.7
T0172	4	0.7	0	0.0	0	0.0	4	0.7
T0173	4	0.7	0	0.0	0	0.0	4	0.7
T0174	4	0.7	0	0.0	0	0.0	4	0.7
T0175	18	3.2	18	3.2	0	0.0	0	0.0
T0176	2	0.4	0	0.0	0	0.0	2	0.4
T0177	3	0.5	0	0.0	0	0.0	3	0.5
T0178	3	0.5	0	0.0	0	0.0	3	0.5
T0179	3	0.5	0	0.0	0	0.0	3	0.5
T0180	8	1.4	8	1.4	0	0.0	0	0.0
T0181	0	0.0	0	0.0	0	0.0	0	0.0
T0182	2	0.4	0	0.0	0	0.0	2	0.4
T0183	2	0.4	0	0.0	0	0.0	2	0.4
T0184	2	0.4	0	0.0	0	0.0	2	0.4
T0185	22	4.0	15	2.7	0	0.0	7	1.3
T0186	1	0.2	0	0.0	0	0.0	1	0.2
T0187	20	3.6	0	0.0	0	0.0	20	3.6

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0188	18	3.2	0	0.0	0	0.0	18	3.2
T0189	18	3.2	0	0.0	0	0.0	18	3.2
T0190	18	3.2	0	0.0	0	0.0	18	3.2
T0191	19	3.4	18	3.2	0	0.0	1	0.2
T0192	2	0.4	0	0.0	0	0.0	2	0.4
T0193	0	0.0	0	0.0	0	0.0	0	0.0
T0194	0	0.0	0	0.0	0	0.0	0	0.0
T0195	0	0.0	0	0.0	0	0.0	0	0.0
T0196	0	0.0	0	0.0	0	0.0	0	0.0
T0197	1	0.2	0	0.0	0	0.0	1	0.2
T0198	1	0.2	0	0.0	0	0.0	1	0.2
T0199	1	0.2	0	0.0	0	0.0	1	0.2
T0200	1	0.2	0	0.0	0	0.0	1	0.2
T0201	1	0.2	0	0.0	0	0.0	1	0.2
T0202	1	0.2	0	0.0	0	0.0	1	0.2
T0203	1	0.2	0	0.0	0	0.0	1	0.2
T0204	1	0.2	0	0.0	0	0.0	1	0.2
T0205	1	0.2	0	0.0	0	0.0	1	0.2
T0206	0	0.0	0	0.0	0	0.0	0	0.0
T0207	1	0.2	0	0.0	0	0.0	1	0.2
T0208	1	0.2	0	0.0	0	0.0	1	0.2
T0209	1	0.2	0	0.0	0	0.0	1	0.2
T0210	1	0.2	0	0.0	0	0.0	1	0.2
T0211	23	4.1	0	0.0	0	0.0	23	4.1
T0212	5	0.9	0	0.0	0	0.0	5	0.9
T0213	1	0.2	1	0.2	0	0.0	0	0.0
T0214	8	1.4	0	0.0	0	0.0	8	1.4
T0215	8	1.4	0	0.0	0	0.0	8	1.4
T0216	9	1.6	0	0.0	0	0.0	9	1.6
T0217	8	1.4	0	0.0	0	0.0	8	1.4
T0218	8	1.4	0	0.0	0	0.0	8	1.4
T0219	8	1.4	0	0.0	0	0.0	8	1.4
T0220	10	1.8	0	0.0	0	0.0	10	1.8
T0221	8	1.4	0	0.0	0	0.0	8	1.4
T0222	8	1.4	0	0.0	0	0.0	8	1.4

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0223	8	1.4	0	0.0	0	0.0	8	1.4
T0224	10	1.8	2	0.4	0	0.0	8	1.4
T0225	8	1.4	0	0.0	0	0.0	8	1.4
T0226	8	1.4	0	0.0	0	0.0	8	1.4
T0231	7	1.3	0	0.0	0	0.0	7	1.3
T0232	9	1.6	0	0.0	0	0.0	9	1.6
T0233	12	2.2	0	0.0	0	0.0	12	2.2
T0234	7	1.3	0	0.0	0	0.0	7	1.3
T0235	14	2.5	0	0.0	0	0.0	14	2.5
T0236	13	2.3	0	0.0	0	0.0	13	2.3
T0237	8	1.4	0	0.0	0	0.0	8	1.4
T0238	12	2.2	0	0.0	0	0.0	12	2.2
T0239	9	1.6	0	0.0	0	0.0	9	1.6
T0240	8	1.4	0	0.0	0	0.0	8	1.4
T0241	10	1.8	0	0.0	0	0.0	10	1.8
T0242	11	2.0	0	0.0	0	0.0	11	2.0
T0243	7	1.3	0	0.0	0	0.0	7	1.3
T0244	5	0.9	0	0.0	0	0.0	5	0.9
T0245	6	1.1	0	0.0	0	0.0	6	1.1
T0246	9	1.6	0	0.0	0	0.0	9	1.6
T0247	5	0.9	0	0.0	0	0.0	5	0.9
T0248	6	1.1	0	0.0	0	0.0	6	1.1
T0249	7	1.3	0	0.0	0	0.0	7	1.3
T0250	1	0.2	0	0.0	0	0.0	1	0.2
T0251	3	0.5	0	0.0	0	0.0	3	0.5
T0252	31	5.6	0	0.0	0	0.0	31	5.6
T0260	54	9.7	0	0.0	0	0.0	54	9.7
T0261	29	5.2	1	0.2	0	0.0	28	5.0
T0262	57	10.3	1	0.2	1	0.2	55	9.9
T0263	9	1.6	1	0.2	0	0.0	8	1.4
T0264	12	2.2	2	0.4	0	0.0	10	1.8
T0265	15	2.7	7	1.3	0	0.0	8	1.4
T0266	18	3.2	9	1.6	0	0.0	9	1.6
T0267	11	2.0	2	0.4	0	0.0	9	1.6
T0268	13	2.3	0	0.0	0	0.0	13	2.3

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0269	9	1.6	0	0.0	0	0.0	9	1.6
T0270	11	2.0	2	0.4	0	0.0	9	1.6
T0271	10	1.8	3	0.5	0	0.0	7	1.3
T0272	11	2.0	3	0.5	0	0.0	8	1.4
T0273	12	2.2	3	0.5	0	0.0	9	1.6
T0274	10	1.8	3	0.5	0	0.0	7	1.3
T0280	8	1.4	0	0.0	0	0.0	8	1.4
T0281	8	1.4	0	0.0	0	0.0	8	1.4
T0282	9	1.6	0	0.0	0	0.0	9	1.6
T0283	9	1.6	0	0.0	0	0.0	9	1.6
T0284	8	1.4	0	0.0	0	0.0	8	1.4
T0285	9	1.6	0	0.0	0	0.0	9	1.6
T0286	10	1.8	0	0.0	0	0.0	10	1.8
T0287	7	1.3	0	0.0	0	0.0	7	1.3
T0288	10	1.8	0	0.0	0	0.0	10	1.8
T0289	8	1.4	0	0.0	0	0.0	8	1.4
T0290	6	1.1	0	0.0	0	0.0	6	1.1
T0291	8	1.4	0	0.0	0	0.0	8	1.4
T0292	7	1.3	0	0.0	0	0.0	7	1.3
T0293	8	1.4	0	0.0	0	0.0	8	1.4
T0294	7	1.3	0	0.0	0	0.0	7	1.3
T0295	7	1.3	0	0.0	0	0.0	7	1.3
T0296	10	1.8	0	0.0	0	0.0	10	1.8
T0297	7	1.3	0	0.0	0	0.0	7	1.3
T0298	10	1.8	0	0.0	0	0.0	10	1.8
T0299	9	1.6	0	0.0	0	0.0	9	1.6
T0300	7	1.3	0	0.0	0	0.0	7	1.3
T0301	8	1.4	0	0.0	0	0.0	8	1.4
T0302	6	1.1	0	0.0	0	0.0	6	1.1
T0303	8	1.4	0	0.0	0	0.0	8	1.4
T0304	8	1.4	0	0.0	0	0.0	8	1.4
T0305	12	2.2	0	0.0	0	0.0	12	2.2
T0306	10	1.8	0	0.0	0	0.0	10	1.8
T0307	10	1.8	0	0.0	0	0.0	10	1.8
T0308	14	2.5	0	0.0	0	0.0	14	2.5

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0309	9	1.6	0	0.0	0	0.0	9	1.6
T0310	10	1.8	0	0.0	0	0.0	10	1.8
T0311	9	1.6	0	0.0	0	0.0	9	1.6
T0312	9	1.6	0	0.0	0	0.0	9	1.6
T0313	14	2.5	0	0.0	0	0.0	14	2.5
T0314	9	1.6	0	0.0	0	0.0	9	1.6
T0315	10	1.8	0	0.0	0	0.0	10	1.8
T0316	9	1.6	0	0.0	0	0.0	9	1.6
T0317	9	1.6	0	0.0	0	0.0	9	1.6
T0318	9	1.6	0	0.0	0	0.0	9	1.6
T0319	9	1.6	0	0.0	0	0.0	9	1.6
T0320	7	1.3	0	0.0	0	0.0	7	1.3
T0321	6	1.1	0	0.0	0	0.0	6	1.1
T0322	4	0.7	0	0.0	0	0.0	4	0.7
T0323	3	0.5	0	0.0	0	0.0	3	0.5
T0324	2	0.4	0	0.0	0	0.0	2	0.4
T0325	8	1.4	0	0.0	0	0.0	8	1.4
T0326	0	0.0	0	0.0	0	0.0	0	0.0
T0327	1	0.2	0	0.0	0	0.0	1	0.2
T0335	6	1.1	1	0.2	0	0.0	5	0.9
T0336	5	0.9	0	0.0	0	0.0	5	0.9
T0337	7	1.3	0	0.0	0	0.0	7	1.3
T0338	35	6.3	2	0.4	0	0.0	33	5.9
T0339	6	1.1	0	0.0	0	0.0	6	1.1
T0340	9	1.6	0	0.0	0	0.0	9	1.6
T0341	50	9.0	1	0.2	0	0.0	49	8.8
T0342	15	2.7	0	0.0	0	0.0	15	2.7
T0343	103	18.5	0	0.0	0	0.0	103	18.5
T0344	7	1.3	1	0.2	0	0.0	6	1.1
T0345	12	2.2	0	0.0	0	0.0	12	2.2
T0346	6	1.1	2	0.4	0	0.0	4	0.7
T0347	5	0.9	0	0.0	0	0.0	5	0.9
T0348	4	0.7	1	0.2	0	0.0	3	0.5
T0349	7	1.3	0	0.0	0	0.0	7	1.3
T0350	2	0.4	0	0.0	0	0.0	2	0.4

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T0351	4	0.7	0	0.0	0	0.0	4	0.7
T0352	5	0.9	0	0.0	0	0.0	5	0.9
T0353	11	2.0	0	0.0	0	0.0	11	2.0
T0354	22	4.0	0	0.0	0	0.0	22	4.0
T0355	22	4.0	0	0.0	0	0.0	22	4.0
T0356	22	4.0	0	0.0	0	0.0	22	4.0
T0357	22	4.0	0	0.0	0	0.0	22	4.0
T0358	22	4.0	0	0.0	0	0.0	22	4.0
T0359	14	2.5	0	0.0	0	0.0	14	2.5
T0360	8	1.4	0	0.0	0	0.0	8	1.4
T0361	0	0.0	0	0.0	0	0.0	0	0.0
T0362	0	0.0	0	0.0	0	0.0	0	0.0
T0363	0	0.0	0	0.0	0	0.0	0	0.0
T0364	0	0.0	0	0.0	0	0.0	0	0.0
T5030	0	0.0	0	0.0	0	0.0	0	0.0
T5032	0	0.0	0	0.0	0	0.0	0	0.0
T5033	0	0.0	0	0.0	0	0.0	0	0.0
T5035	0	0.0	0	0.0	0	0.0	0	0.0
T5067	0	0.0	0	0.0	0	0.0	0	0.0
T5078	0	0.0	0	0.0	0	0.0	0	0.0
T5081	0	0.0	0	0.0	0	0.0	0	0.0
T5084	0	0.0	0	0.0	0	0.0	0	0.0
T5087	0	0.0	0	0.0	0	0.0	0	0.0
T5090	0	0.0	0	0.0	0	0.0	0	0.0
T5093	0	0.0	0	0.0	0	0.0	0	0.0
T5096	0	0.0	0	0.0	0	0.0	0	0.0
T5099	0	0.0	0	0.0	0	0.0	0	0.0
T5102	0	0.0	0	0.0	0	0.0	0	0.0
T5105	0	0.0	0	0.0	0	0.0	0	0.0
T5113	6	1.1	0	0.0	0	0.0	6	1.1
T5115	8	1.4	0	0.0	0	0.0	8	1.4
T5116	0	0.0	0	0.0	0	0.0	0	0.0
T5117	0	0.0	0	0.0	0	0.0	0	0.0
T5118	0	0.0	0	0.0	0	0.0	0	0.0
T5123	4	0.7	0	0.0	0	0.0	4	0.7

See notes at end of table.

Table R-10. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school teacher data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
T5125	0	0.0	0	0.0	0	0.0	0	0.0
T5127	6	1.1	0	0.0	0	0.0	6	1.1
T5129	3	0.5	0	0.0	0	0.0	3	0.5
T5132	0	0.0	0	0.0	0	0.0	0	0.0
T5135	0	0.0	0	0.0	0	0.0	0	0.0
T5138	0	0.0	0	0.0	0	0.0	0	0.0
T5141	0	0.0	0	0.0	0	0.0	0	0.0
T5161	8	1.4	0	0.0	0	0.0	8	1.4
T5166	8	1.4	0	0.0	0	0.0	8	1.4
T5171	4	0.7	0	0.0	0	0.0	4	0.7
T5176	2	0.4	0	0.0	0	0.0	2	0.4
T5181	0	0.0	0	0.0	0	0.0	0	0.0
T5187	20	3.6	0	0.0	0	0.0	20	3.6
T5192	2	0.4	0	0.0	0	0.0	2	0.4
T5197	1	0.2	0	0.0	0	0.0	1	0.2
T5202	1	0.2	0	0.0	0	0.0	1	0.2
T5207	1	0.2	0	0.0	0	0.0	1	0.2
T5230 ¹	4	0.7	0	0.0	0	0.0	4	0.7
T5252	0	0.0	0	0.0	0	0.0	0	0.0

¹ The variable T5230 is the write-in variable corresponding to item 40 on the Teacher Questionnaire and is an exception to the general rule of not imputing write-in items. Due to coding errors in both the blanking edit and stage 2 imputation programs, T5230 was erroneously assigned a missing entry for certain data reporting situations and then imputed with blank data.

NOTE: BIE refers to the Bureau of Indian Education.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “BIE School Teacher Restricted Use Data File,” 2007–08.

Table R-11. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school library media center data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
M0025	0	0.0	0	0.0	0	0.0	0	0.0
M0030	36	0.5	0	0.0	0	0.0	36	0.5
M0031	234	3.2	0	0.0	0	0.0	234	3.2
M0032	82	1.1	0	0.0	0	0.0	82	1.1
M0033	65	0.9	0	0.0	0	0.0	65	0.9
M0034	69	0.9	0	0.0	0	0.0	69	0.9
M0035	61	0.8	16	0.2	0	0.0	45	0.6
M0036	65	0.9	21	0.3	0	0.0	44	0.6
M0037	56	0.8	10	0.1	0	0.0	46	0.6
M0038	412	5.7	0	0.0	0	0.0	412	5.7
M0039	1,042	14.3	0	0.0	0	0.0	1,042	14.3
M0040	121	1.7	34	0.5	0	0.0	87	1.2
M0041	103	1.4	21	0.3	0	0.0	82	1.1
M0042	58	0.8	5	0.1	0	0.0	53	0.7
M0043	115	1.6	59	0.8	0	0.0	56	0.8
M0044	152	2.1	90	1.2	0	0.0	62	0.9
M0045	119	1.6	0	0.0	0	0.0	119	1.6
M0050	60	0.8	10	0.1	0	0.0	50	0.7
M0051	153	2.1	111	1.5	0	0.0	42	0.6
M0052	446	6.1	405	5.6	0	0.0	41	0.6
M0053	429	5.9	389	5.3	0	0.0	40	0.5
M0054	318	4.4	174	2.4	0	0.0	144	2.0
M0055	132	1.8	112	1.5	0	0.0	20	0.3
M0056	179	2.5	159	2.2	0	0.0	20	0.3
M0057	203	2.8	182	2.5	0	0.0	21	0.3
M0058	52	0.7	13	0.2	0	0.0	39	0.5
M0059	269	3.7	260	3.6	0	0.0	9	0.1
M0060	590	8.1	577	7.9	0	0.0	13	0.2
M0061	700	9.6	686	9.4	0	0.0	14	0.2
M0062	13	0.2	13	0.2	0	0.0	0	0.0
M0063	238	3.3	0	0.0	0	0.0	238	3.3
M0064	290	4.0	0	0.0	0	0.0	290	4.0
M0065	37	0.5	0	0.0	0	0.0	37	0.5
M0066	257	3.5	0	0.0	0	0.0	257	3.5
M0067	257	3.5	0	0.0	0	0.0	257	3.5
M0068	64	0.9	40	0.5	0	0.0	24	0.3
M0075	83	1.1	20	0.3	0	0.0	63	0.9
M0076	94	1.3	34	0.5	0	0.0	60	0.8
M0077	67	0.9	0	0.0	0	0.0	67	0.9
M0078	79	1.1	0	0.0	0	0.0	79	1.1

See notes at end of table.

Table R-11. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the public school library media center data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of ratio-adjusted records	Number of changes	Percent of records affected
M0079	122	1.7	42	0.6	0	0.0	80	1.1
M0080	64	0.9	11	0.2	0	0.0	53	0.7
M0081	79	1.1	25	0.3	0	0.0	54	0.7
M0082	65	0.9	12	0.2	0	0.0	53	0.7
M0083	83	1.1	33	0.5	0	0.0	50	0.7
M0084	68	0.9	18	0.2	0	0.0	50	0.7
M0085	72	1.0	20	0.3	0	0.0	52	0.7
M0086	114	1.6	62	0.9	0	0.0	52	0.7
M0095	183	2.5	0	0.0	0	0.0	183	2.5
M0096	170	2.3	0	0.0	0	0.0	170	2.3
M0097	120	1.6	0	0.0	0	0.0	120	1.6
M0098	202	2.8	0	0.0	0	0.0	202	2.8
M0099	168	2.3	0	0.0	0	0.0	168	2.3
M0105	0	0.0	0	0.0	0	0.0	0	0.0
M0106	723	9.9	0	0.0	0	0.0	723	9.9
M0107	888	12.2	12	0.2	0	0.0	876	12.0
M0108	638	8.8	51	0.7	0	0.0	587	8.1
M0109	948	13.0	117	1.6	0	0.0	831	11.4
M0110	1,019	14.0	100	1.4	0	0.0	919	12.6
M0111	905	12.4	109	1.5	0	0.0	796	10.9
M0112	614	8.4	0	0.0	0	0.0	614	8.4
M0113	0	0.0	0	0.0	0	0.0	0	0.0

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “Public School Library Media Center Restricted Use Data File,” 2007–08.

Table R-12. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school library media center data file, by variable: 2007–08

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records affected	Number of changes	Percent of records affected
M0025	0	0.0	0	0.0	0	0.0	0	0.0
M0030	0	0.0	0	0.0	0	0.0	0	0.0
M0031	6	4.9	0	0.0	0	0.0	6	4.9
M0032	0	0.0	0	0.0	0	0.0	0	0.0
M0033	1	0.8	0	0.0	0	0.0	1	0.8
M0034	2	1.6	0	0.0	0	0.0	2	1.6
M0035	0	0.0	0	0.0	0	0.0	0	0.0
M0036	0	0.0	0	0.0	0	0.0	0	0.0
M0037	0	0.0	0	0.0	0	0.0	0	0.0
M0038	4	3.3	0	0.0	0	0.0	4	3.3
M0039	17	13.8	0	0.0	0	0.0	17	13.8
M0040	0	0.0	0	0.0	0	0.0	0	0.0
M0041	0	0.0	0	0.0	0	0.0	0	0.0
M0042	1	0.8	0	0.0	0	0.0	1	0.8
M0043	2	1.6	0	0.0	0	0.0	2	1.6
M0044	1	0.8	0	0.0	0	0.0	1	0.8
M0045	1	0.8	0	0.0	0	0.0	1	0.8
M0050	2	1.6	2	1.6	0	0.0	0	0.0
M0051	3	2.4	3	2.4	0	0.0	0	0.0
M0052	4	3.3	4	3.3	0	0.0	0	0.0
M0053	6	4.9	6	4.9	0	0.0	0	0.0
M0054	1	0.8	1	0.8	0	0.0	0	0.0
M0055	2	1.6	2	1.6	0	0.0	0	0.0
M0056	3	2.4	3	2.4	0	0.0	0	0.0
M0057	2	1.6	2	1.6	0	0.0	0	0.0
M0058	3	2.4	0	0.0	0	0.0	3	2.4
M0059	6	4.9	6	4.9	0	0.0	0	0.0
M0060	12	9.8	12	9.8	0	0.0	0	0.0
M0061	13	10.6	13	10.6	0	0.0	0	0.0
M0062	0	0.0	0	0.0	0	0.0	0	0.0
M0063	10	8.1	0	0.0	0	0.0	10	8.1
M0064	10	8.1	0	0.0	0	0.0	10	8.1
M0065	0	0.0	0	0.0	0	0.0	0	0.0
M0066	0	0.0	0	0.0	0	0.0	0	0.0
M0067	0	0.0	0	0.0	0	0.0	0	0.0

See notes at end of table.

Table R-12. Number of changes and percentage of records affected during stage 1 and stage 2 imputation of the BIE school library media center data file, by variable: 2007–08—Continued

Variable	Total		Stage 1				Stage 2	
	Number of changes	Percent of records affected	Number of changes	Percent of records affected	Number of ratio-adjustment changes	Percent of records affected	Number of changes	Percent of records affected
M0068	2	1.6	1	0.8	0	0.0	1	0.8
M0075	0	0.0	0	0.0	0	0.0	0	0.0
M0076	1	0.8	1	0.8	0	0.0	0	0.0
M0077	2	1.6	0	0.0	0	0.0	2	1.6
M0078	2	1.6	0	0.0	0	0.0	2	1.6
M0079	2	1.6	0	0.0	0	0.0	2	1.6
M0080	0	0.0	0	0.0	0	0.0	0	0.0
M0081	0	0.0	0	0.0	0	0.0	0	0.0
M0082	1	0.8	1	0.8	0	0.0	0	0.0
M0083	0	0.0	0	0.0	0	0.0	0	0.0
M0084	0	0.0	0	0.0	0	0.0	0	0.0
M0085	2	1.6	2	1.6	0	0.0	0	0.0
M0086	0	0.0	0	0.0	0	0.0	0	0.0
M0095	1	0.8	0	0.0	0	0.0	1	0.8
M0096	5	4.1	0	0.0	0	0.0	5	4.1
M0097	4	3.3	0	0.0	0	0.0	4	3.3
M0098	6	4.9	0	0.0	0	0.0	6	4.9
M0099	3	2.4	0	0.0	0	0.0	3	2.4
M0105	0	0.0	0	0.0	0	0.0	0	0.0
M0106	12	9.8	0	0.0	0	0.0	12	9.8
M0107	19	15.4	1	0.8	0	0.0	18	14.6
M0108	10	8.1	1	0.8	0	0.0	9	7.3
M0109	14	11.4	4	3.3	0	0.0	10	8.1
M0110	19	15.4	3	2.4	0	0.0	16	13.0
M0111	17	13.8	4	3.3	0	0.0	13	10.6
M0112	9	7.3	0	0.0	0	0.0	9	7.3
M0113	0	0.0	0	0.0	0	0.0	0	0.0

NOTE: BIE refers to the Bureau of Indian Education.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Schools and Staffing Survey (SASS), “BIE School Library Media Center Restricted Use Data File,” 2007–08.

This page intentionally left blank.